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[illegible]

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SEQ ID NO: 128

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35 SEQ ID NO: 129

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SEQ ID NO: 130

5 >gi|1689891|gb|AA133129.1|AA133129 zm25d01.s1 Stratagene pancreas (#937208) Homo
sapiens cDNA clone IMAGE:526657 3' similar to TR:G992563 G992563 ELONGIN A. ;,
mRNA sequence

ACCCAGGAAGAAGAAGAAGCTGGATTACTGGGCGCAGAATGAATTCCAAGAT
GCAGGTGTATTCTGGTTCCAAGTGTGCCTATCTCCCTAAAATGATGACCTTGCAC
10 CAGCAATGCATCCGAGTACTTAAAAACAACATCGATTCAATCTTTGAAGTGGGA
GGAGTCCCATACTCTGTTCTTGAACCCGTTTTGGAGAGGTGTACACCTGATCAGC
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15 GGTACTAACAAAGAATATCCAGTTCGCACATGGCCAATTA

SEQ ID NO: 131

>gi|186385|gb|M63099.1|HUMILRA Human interleukin 1 receptor antagonist (IL1RN) gene,
complete cds

20 ATGGAAATCTGCAGAGGCCTCCGCAGTCACCTAATCACTCTCCTCCTCTTCCTGTT
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25 TGTCCTGTGTCAAGTCTGGTGTATGAGACCAGACTCCAGCTGGAGGCAGTTAACAT
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30

SEQ ID NO: 132

>gi|186738|gb|M60828.1|HUMKGF Human keratinocyte growth factor mRNA, complete cds

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45 TCGAACACAGTGGTACCTGAGGATCGATAAAAGAGGCAAAGTAAAAGGGACCC
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5 AAAACTACTGAAAACTGATCAAGCTGGACTTGTGCATTTATGTTTGTTTTAAGA
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 5 TAGA

SEQ ID NO: 133

>gi|1399238|gb|U59832.1|HSU59832 Human transcription factor, forkhead related activator
 4 (FREAC-4) mRNA, complete cds

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 CAGCGTGGCGCCCCCGGCCGGGCTGCCGCCGGGACCCGGGCTGGGGCGCAG
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 GCTATGACCCTGAGCACTGAGATGTCCGATGCCTCTGGCCTCGCCGAGGAAACA
 GACATCGACGTGGTGGGGGAGGGCGAGGACGAAGAAGACGAGGAAGAGGAGGA
 15 CGACGACGAGGGCGGGCGGTGGCGGGCCCCGGCTGGCTGTCCCCGCGCAGCGGCG
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 35 CGGCGCCGCCAGCTCCCGGATCCAGCGGAGGAGGCTGCGCGGCGCAGGCGGCCG
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SEQ ID NO: 134

5 >gi|181977|gb|M38425.1|HUMEGFR Human EGF receptor (EGFR) gene, 5' end
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40 ACCTGGGAGCTGGGAGAACTCGTCTACCACCACCTGCGGCTCCCGGGGAGGGGT
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30 SEQ ID NO: 135
 >gi|2162425|gb|AA448755.1|AA448755 zx10d10.r1 Soares_total_fetus_Nb2HF8_9w Homo
 sapiens cDNA clone IMAGE:786067 5' similar to gb:S78187 M-PHASE INDUCER
 PHOSPHATASE 2 (HUMAN);, mRNA sequence
 CAGTCTGTTGAGTTAGTTAAGTTGGGTTAATACCAGCTTAAAGGCAGTATTTTGT
 35 GTCCTCCAGGAGCTTCTTGTTCCTTGTAGGGTTAACCCTTCATCTTCCTGTGTC
 CTGAAACGCTCCTTTGTGTGTGTGTCAGCTGAGGCTGGGGGAGAGCCGTGGTCCC
 TGAGGATGGGTCAGAGCTAAACTCCTTCCTGGCCTGAGAGTCAGCTCTCTGCCCT
 GTGTACTTCCCGGGCCAGGGCTGCCCCTAATCTCTGTAGGAACCGTGGTATGTCT
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 40 GCCTGAACAGAAGCTCTTACTCTTTCCTATTTTCAGTGTACCTGTGTGCTTGGTCT
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SEQ ID NO: 136
 >gi|189389|gb|M97016.1|HUMOP2A Homo sapiens osteogenic protein-2 (OP-2) mRNA,
 45 complete cds
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 AGGTGGCACGGCAGGGCTGGAGGGCTCCCTATGAGTGGCGGAGACGGCCCAGGA
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 25 AATGCCACCAACCACGCCATCCTGCAGTCCCTGGTGCACCTGATGAAGCCAAAC
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 30 AGCAGGAGTGTGAGGGGCCCTCACTCTCTGTGCCTACTTCCTGTCAGG

SEQ ID NO: 137

>gi|181979|gb|M29366.1|HUMEGFRBB3 Human epidermal growth factor receptor (ERBB3) mRNA, complete cds

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TCAATATTTGCCTCTGGGTTCTCTGCTGGATCATGTGAGACAACACCGGGGGGCA
CTGGGGGCCACAGCTGCTGCTCAACTGGGGAGTACAAATTGCCAAGGGAATGTAC
TACCTTGAGGAACATGGTATGGTGCATAGAAACCTGGCTGCCCCGAAACGTGCTA
CTCAAGTCACCCAGTCAGGTTGAGGTGGCAGATTTTGGTGTGGCTGACCTGCTGC
35 CTCCTGATGATAAGCAGCTGCTATACAGTGAGGCCAAGACTCCAATTAAGTGGAT
GGCCCTTGAGAGTATCCACTTTGGGAAATACACACACCAGAGTGATGTCTGGAG
CTATGGTGTGACAGTTTGGGAGTTGATGACCTTCGGGGCAGAGCCCTATGCAGGG
CTACGATTGGCTGAAGTACCAGACCTGCTAGAGAAGGGGGAGCGGTTGGCACAG
CCCCAGATCTGCACAATTGATGTCTACATGGTGTGATGGTCAAGTGTGATGATTG
40 ATGAGAACATTCGCCCAACCTTTAAAGAACTAGCCAATGAGTTCACCAGGATGG
CCCGAGACCCACCACGGTATCTGGTCATAAAGAGAGAGAGTGGGCCTGGAATAG
CCCCTGGGCCAGAGCCCCATGGTCTGACAAACAAGAAGCTAGAGGAAGTAGAGC
TGGAGCCAGAACTAGACCTAGACCTAGACTTGGAAGCAGAGGAGGACAACCTGG
CAACCACCACACTGGGCTCCGCCCTCAGCCTACCAGTTGGAACACTTAATCGGCC
45 ACGTGGGAGCCAGAGCCTTTTAAGTCCATCATCTGGATACATGCCCATGAACCAG
GGTAATCTTGGGGAGTCTTGCCAGGAGTCTGCAGTTTCTGGGAGCAGTGAACGGT
GCCCCCGTCCAGTCTCTCTACACCCAATGCCACGGGGATGCCTGGCATCAGAGTC
ATCAGAGGGGCATGTAACAGGCTCTGAGGCTGAGCTCCAGGAGAAAGTGTCAAT
GTGTAGAAGCCGGAGCAGGAGCCGGAGCCACGGCCACGCGGAGATAGCGCCT

ACCATTCCCAGCGCCACAGTCTGCTGACTCCTGTTACCCCACTCTCCCCACCCGG
 GTTAGAGGAAGAGGATGTCAACGGTTATGTCATGCCAGATACACACCTCAAAGG
 TACTCCCTCCTCCCGGGAAGGCACCCTTTCTTCAGTGGGTCTTAGTTCTGTCCTGG
 5 GTACTGAAGAAGAAGATGAAGATGAGGAGTATGAATACATGAACCGGAGGAGA
 AGGCACAGTCCACCTCATCCCCCTAGGCCAAGTTCCCTTGAGGAGCTGGGTTATG
 AGTACATGGATGTGGGGTCAGACCTCAGTGCCTCTCTGGGCAGCACACAGAGTT
 GCCCACTCCACCCTGTACCCATCATGCCCACTGCAGGCACAACCTCCAGATGAAGA
 CTATGAATATATGAATCGGCAACGAGATGGAGGTGGTCCTGGGGGTGATTATGC
 10 AGCCATGGGGGCCTGCCCAGCATCTGAGCAAGGGTATGAAGAGATGAGAGCTTT
 TCAGGGGCCTGGACATCAGGCCCCCCCATGTCCATTATGCCCGCCTAAAACTCTA
 CGTAGCTTAGAGGCTACAGACTCTGCCTTTGATAACCCTGATTACTGGCATAGCA
 GGCTTTTCCCAAGGCTAATGCCCAGAGAACGTAACCTCCTGCTCCCTGTGGCACT
 CAGGGAGCATTTAATGGCAGCTAGTGCCTTTAGAGGGTACCGTCTTCTCCCTATT
 CCCTCTCTCTCCCAGGTCCCAGCCCCCTTTCCCCAGTCCCAGACAATTCCATTCAA
 15 TCTTTGGAGGCTTTTAAACATTTTGACACAAAATTCTTATGGTATGTAGCCAGCTG
 TGCACCTTTCTTCTCTTTCCCAACCCCAGGAAAGGTTTTCTTATTTTGTGTGCTTTC
 CCAGTCCCATTCTCAGCTTCTTCACAGGCACTCCTGGAGATATGAAGGATTACT
 CTCCATATCCCTTCTCTCAGGCTCTTGACTACTTGGAAGTGGCTCTTATGTGTG
 CTTTGTGTTCCCATCAGACTGTCAAGAAGAGGAAAGGGAGGAAACCTAGCAGAG
 20 GAAAGTGTAATTTTGGTTTATGACTCTTAACCCCTAGAAAGACAGAAGCTTAAA
 ATCTGTGAAGAAAGAGGTTAGGAGTAGATATTGATTACTATCATAATTCAGCACT
 TAACTATGAGCCAGGCATCATACTAACTTCACCTACATTATCTCACTTAGTCCTT
 TATCATCCTTAAAACAATTCTGTGACATACATATTATCTCATTTTACACAAAGGG
 AAGTCGGGCATGGTGGCTCATGCCTGTAATCTCAGCACTTTGGGAGGCTGAGGCA
 25 GAAGGATTACCTGAGGCAAGGAGTTTGAGACCAGCTTAGCCAACATAGTAAGAC
 CCCCATCTCTTT

SEQ ID NO: 138

>gi|1123184|gb|H98534.1|H98534 yv97d06.s1 Soares melanocyte 2NbHM Homo sapiens
 30 cDNA clone IMAGE:250667 3', mRNA sequence
 ATCTAACATTATTGCTTTAGGAAAGTATTTCCCTGAACCAAGAATACAATGCTAA
 TTGCATAAAAACATACACATATAAAAAGTAGTTCTCCATTTTCCCAGGAAAAAAT
 CCAAGTATAACTTCTAGAATAGTCAAGTTTCTTATTTTATTATAATTAAAGTCTT
 GGTCATTTTCAATTTATTAGCTCTGCAACTTACATATTTAAATTAAAGAAACGTTATT
 35 AGACAACNGTTACAATTTATAAATGTAAGGTGCCATTATTGAGTAAATATATTCC
 TCCAAGAGTGGATGTGNCCCTTCTCCCANCACTAATGAAGCAGCAACATTAGGT
 TAAATTTATTAGGAGATGATACACTGGCTGNAAACGCTAATTCNCCTTCTCCAAC
 CCAAG

40 SEQ ID NO: 139

>gi|1813881|dbj|D49728.1|HUMNAK1 Human NAK1 mRNA for DNA binding protein,
 complete cds
 CGAACTTGGGGGGAGTGCACAGAAGAACTTCGGGAGCGCACGCGGGACCAGGG
 ACCAGGCTGAGACTCGGGGCGCCAGTCCGGGCAGGGGCAGCGGGAGCCGGCCG
 45 GAGATGCCCTGTATCCAAGCCCAATATGGGACACCAGCACCGAGTCCGGGACCC
 CGTGACCACCTGGCAAGCGACCCCTGACCCCTGAGTTCATCAAGCCCACCATGG
 ACCTGGCCAGCCCCGAGGCAGCCCCCGCTGCCCCCACTGCCCTGCCAGCTTCAG
 CACCTTCATGGACGGCTACACAGGAGAGTTTGACACCTTCCTCTACCAGCTGCCA
 GGAACAGTCCAGCCATGCTCCTCAGCCTCCTCCTCGGCCTCCTCCACATCCTCGTC

CTCAGCCACCTCCCCTGCCTCTGCTTCCTTCAAGTTCGAGGACTTCCAGGTGTACG
 GCTGCTACCCCGGCCCCCTGAGCGGCCCAGTGGATGAGGCCCTGTCCTCCAGTGG
 CTCTGACTACTATGGCAGCCCCCTGCTCGGCCCGTCGCCCTCCACGCCCAGCTTC
 CAGCCGCCCCAGCTCTCTCCCTGGGATGGCTCCTTCGGCCACTTCTCGCCCAGCC
 5 AGACTTACGAAGGCCTGCGGGCATGGACAGAGCAGCTGCCCAAAGCCTCTGGGC
 CCCCACAGCCTCCAGCCTTCTTTTCCTTCAGTCCTCCCACCGGCCCCAGCCCCAGC
 CTGGCCCAGAGCCCCCTGAAGTTGTTCCCCTCACAGGCCACCCACCAGCTGGGGG
 AGGGAGAGAGCTATTCCATGCCTACGGCCTTCCCAGGTTTGGCACCCACTTCTCC
 ACACCTTGAGGGCTCGGGGATACTGGATACACCCGTGACCTCAACCAAGGCCCG
 10 GAGCGGGGCCCCAGGTGGAAGTGAAGGCCGCTGTGCTGTGTGTGGGGACAACGC
 TTCATGCCAGCATTATGGTGTCCGCACATGTGAGGGCTGCAAGGGCTTCTTCAAG
 CGCACAGTGCAGAAAAACGCCAAGTACATCTGCCTGGCTAACAAGGACTGCCCT
 GTGGACAAGAGGCGGGCGAAACCGCTGCCAGTTCTGCCGCTTCCAGAAGTGCCTG
 GCGGTGGGCATGGTGAAGGAAGTTGTCCGAACAGACAGCCTGAAGGGGCGGCG
 15 GGGCCGGCTACCTTCAAAACCCAAGCAGCCCCCAGATGCCTCCCCTGCCAATCTC
 CTCACTTCCCTGGTCCGTGCACACCTGGACTCAGGGCCCAGCACTGCCAACTGG
 ACTACTCCAAGTTCCAGGAGCTGGTGTGCTGCCCCACTTTGGGAAGGAAGATGCTGG
 GGATGTACAGCAGTTCTACGACCTGCTCTCCGGTTCTCTGGAGGTCATCCGCAAG
 TGGGCGGAGAAGATCCCTGGCTTTGCTGAGCTGTCACCGGCTGACCAGGACCTGT
 20 TGCTGGAGTCGGCCTTCCCTGGAGCTCTTCATCCTCCGCCTGGCGTACAGGTCTAA
 GCCAGGCGAGGGCAAGCTCATCTTCTGCTCAGGCCTGGTGCTACACCGGCTGCAG
 TGTGCCCGTGGCTTCGGGGACTGGATTGACAGTATCCTGGCCTTCTCAAGGTCCC
 TGCACAGCTTGCTTGTGATGTCCCTGCCTTCGCCTGCCTCTCTGCCCTTGTCTC
 ATCACCGACCGGCATGGGCTGCAGGAGCCGCGGGCGGGTGGAGGAGCTGCAGAAC
 25 CGCATCGCCAGCTGCCTGAAGGAGCACGTGGCAGCTGTGGCGGGCGAGCCCCAG
 CCAGCCAGCTGCCTGTACGTCTGTTGGGCAAACCTGCCCGAGCTGCGGACCCTGT
 GCACCCAGGGCCTGCAGCGCATCTTCTACCTCAAGCTGGAGGACTTGGTGCCCCC
 TCCACCCATCATTGACAAGATCTTCATGGACACGCTGCCCTTCTGACCCCTGCCT
 GCCTGGGAACACGTGTGCACATGCGCACTCTCTCATATGCCACCCCATGTGCCTT
 30 TAGTCCACGGACCCCAAGAGCACCCCAAGCCTGGGCTTAGCTGCAGAACAGAGG
 GACCTGCTCACCTGCCCAAAGGGGATGAAGGGAGGGAGGCTCAAGGCCCTTGGG
 GGAGGGGGATGCCTTCATGGGGGTGACCCACGATGTGTTCTTATCCCCCCCCGCT
 GGCCACCGGCCTTTATGTTTTTTGTAAGATAAACCGTTTTTAACACATAGCGCCGT
 GCTGTAAATAAGCCCAGTACTGCTGTAAATACAGGAAGAAAGAGCTTGAGGTGG
 35 GAGCGGGCTGGGAGGAAGGGATGGGCCCCGGCCTTCCCTGGGCAGCCTTTCAGC
 CTCCTGCTGGGCTCTCTCTTCCCTACCCTCCTTCCACATGTACATGTACATAAACTG
 TCACTCTAGGAAGAAGACAAATGACAGATTCTGACCATTTATATTTGTGTATTTT
 CCAGGATTTATAGTATGTGACTTTTCTGATTAATATATTTAATATATTGAATAAAA
 AATAGACATGTAGTTGG

40

SEQ ID NO: 140

>gi|178049|gb|M93415.1|HUMACTIIA Human activin type II receptor mRNA, complete cds
 GGGGCCCGCCCTTCCCCGCGCCGCAGCCGCCTCGCCGCCACCGCCGCGAGCTCGG
 CCGCCAGTGGTCCCTCGGACTTTAGGTGTCTGGGTTGAAGGAGGTTTGTCTCCGAG
 45 GAAGACCCAGGGAACCTGGATATCTAGCGAGAACTTCCTCCGGATTCCCCGGCGC
 CTCGGGAAAATGGGAGCTGCTGCAAAGTTGGCGTTTGCCGTCTTTCTTATCTCCT
 GTTCTTCAGGTGCTATACTTGGTAGATCAGAACTCAGGAGTGTCTTTTCTTTAAT
 GCTAATTGGGAAAAAGACAGAACCAATCAAACCTGGTGTGTAACCGTGTATGGT
 GACAAAGATAAACGGCGGCATTGTTTTGCTACCTGGAAGAATATTTCTGGTTCCA

TTGAAATAGTGAAACAAGGTTGTTGGCTGGATGATATCAACTGCTATGACAGGA
 CTGATTGTGTAGAAAAAAGACAGCCCTGAAGTATATTTTTGTTGCTGTGAGGG
 CAATATGTGTAATGAAAAGTTTTCTTATTTTCCGGAGATGGAAGTCACACAGCCC
 ACTTCAAATCCAGTTACACCTAAGCCACCCTATTACAACATCCTGCTCTATTCCTT
 5 GGTGCCACTTATGTTAATTGCGGGGATTGTCATTTGTGCATTTTGGGTGTACAGG
 CATCACAAGATGGCCTACCCTCCTGTACTTGTTCAACTCAAGACCCAGGACCAC
 CCCCACCTTCTCCATTACTAGGTTTGAAACCACTGCAGTTATTAGAAGTGAAAGC
 AAGGGGAAGATTTGGTTGTGTCTGGAAAGCCCAGTTGCTTAACGAATATGTGGCT
 GTCAAAATATTTCCAATACAGGACAAACAGTCATGGCAAAATGAATACGAAGTC
 10 TACAGTTTGCCTGGAATGAAGCATGAGAACATATTACAGTTCATTGGTGCAGAAA
 AACGAGGCACCAGTGTTGATGTGGATCTTTGGCTGATCACAGCATTTTCATGAAAA
 GGGTTCACTATCAGACTTTCTTAAGGCTAATGTGGTCTCTTGGAATGAACTGTGT
 CATATTGCAGAAACCATGGCTAGAGGATTGGCATATTTACATGAGGATATACCTG
 GCCTAAAAGATGGCCACAAACCTGCCATATCTCACAGGGACATCAAAAGTAAAA
 15 ATGTGCTGTTGAAAAACAACCTGACAGCTTGCATTGCTGACTTTGGGTTGGCCTT
 AAAATTTGAGGCTGGCAAGTCTGCAGGCGATACCCATGGACAGGTTGGTACCCG
 GAGGTACATGGCTCCAGAGGTATTAGAGGGTGCTATAAACTTCCAAAGGGATGC
 ATTTTGTAGGATAGATATGTATGCCATGGGATTAGTCCTATGGGAAGTGGCTTCT
 CGCTGTACTGCTGCAGATGGACCTGTAGATGAATACATGTTGCCATTTGAGGAGG
 20 AAATTGGCCAGCATCCATCTCTTGAAGACATGCAGGAAGTTGTTGTGCATAAAAA
 AAAGAGGCCTGTTTTAAGAGATTATTGGCAGAAACATGCTGGAATGGCAATGCT
 CTGTGAAACCATTGAAGAATGTTGGGATCACGACGCAGAAGCCAGGTTATCAGC
 TGGATGTGTAGGTGAAAGAATTACCCAGATGCAGAGACTAACAAATATTATTAC
 CACAGAGGACATTGTAACAGTGGTCACAATGGTGACAAATGTTGACTTTCCTCCC
 25 AAAGAATCTAGTCTATGATGGTTGCGCCATCTGTGCACACTAAGAAATGGGACTC
 TGAAGTGGAGCTGCTAAGCTAAAGAAACTGCTTACAGTTTATTTTCTGTGTAAAA
 TGAGTAGGATGTCTCTTGGAAATGTTAAGAAAGAAGACCCTTTGTTGAAAAATGT
 TGCTCTGGGAGACTTACTGCATTGCCGACAGCACAGATGTGAAGGACATGAGAC
 TAAGAGAAACCTTGCAAACCTCTATAAAGAAACTTTTGAAAAAGTGTACATGAAG
 30 AATGTAGCCCTCTCCAAATCAAGGATCTTTTGGACCTGGCTAATGGAGTGTTTGA
 AAAGTACATCAGATTTCTTAATGTCTGTGTCAGAAGACACTAATTCCTTAAATGAA
 CTACTGCTATTTTTTTTTAAATCAAAAACCTTTTCATTTTCAGATTTTAAAAAGGGTAA
 CTTGTTTTTATTGCATTTGCTGTTGTTTCTATAAATGACTATTGTAATGCCAATAT
 GACACAGCTTGTGAATGTTTAGTGTGCTGCTGTTCTGTGTACATAAAGTCATCAA
 35 AGTGGGGTACAGTAAAGAGGCTTCCAAGCATTACTTTAACCTCCCTCAACAAGGT
 ATACCTCAGTTCCACGGTTGCTAAATTATAAAATTGAAAACACTAACAAAATTTG
 AATAATAAATCGATCCATGTTTCCC

SEQ ID NO: 141

40 >gi|2162949|gb|AA448929.1|AA448929 zx05d04.r1 Soares_total_fetus_Nb2HF8_9w Homo
 sapiens cDNA clone IMAGE:785575 5' similar to gb:U05875 INTERFERON-GAMMA
 RECEPTOR BETA CHAIN PRECURSOR (HUMAN);, mRNA sequence
 AACATATCTTGCTACGAAACAATGGCAGATGCTCCACTGAGCTTCAGCAAGTCAT
 CCTGATCTCCGTGGGAACATTTTCGTTGCTGTCCGGTGCTGGCAGGAGCCTGTTTCT
 45 TCCTGGTCCTGAAATATAGAGGCCTGATTAAATACTGGTTTCACACTCCACCAAG
 CATCCCATTACAGATAGAAGAGTATTTAAAAGACCCAACTCAGCCCATCTTAGAG
 GCCTTGGACAAGGACAGCTCACCAAAGGATGACGTCTGGGACTCTGTGTCCAT

SEQ ID NO: 142

>gi|2216790|gb|AA486626.1|AA486626 ab16a03.r1 Stratagene lung (#937210) Homo sapiens cDNA clone IMAGE:840940 5' similar to gb:Y00345_cds1 POLYADENYLATE-BINDING PROTEIN (HUMAN);, mRNA sequence

5 GCCGCTCCTTGGGCTACGCGTATGTGAACTTCCAGCAGCCGGCGGATCCGGACGT
GCATTTGGACACCATGAATTTTGATGTTATAAAGGGCAAGCCAGTACGCATCATG
TGGTCTCAGCGTGATCCATCACTTCGCAAAAGTGGAGTAGGCAACATATTCATTA
AAAATCTGGACAAATCCATTGATAATAAAGCACTGTATGATACATTTTCTGCTTT
TGGTAACATCCTTTCATGTAAGGTGGTTTGTGATGAAAATGGTTCCAAGGGCTAT
10 GGATTTGTACACTTTGAGACGCAGGAAGCAGCTGAAAGAGCTATTGAAAAAATG
AATGGAATGCTCCTAAATGATCGCAAAGTATTTGTTGGACGATTTAAGTCTCGTA
AAGAACGAGAAGCTGAACTTGGAGCTAGGGCAAAAGAATTCCACAATGTTTACA
TC

15 SEQ ID NO: 143

>gi|189713|gb|M21571.1|HUMPDGFA1 Human platelet-derived growth factor (PDGFA) A chain gene, exon 1

GAGGGAGGGGCGCGGAGCCCCGGCGCGGAGCCGGGCGCGGGGCTTTGATGGATT
TAGCTGCTTGCGCGAGCGCGTGTGTGCTCCCTGCCGCAGCGGCGGCGCCCGGGCC
20 CTGCCGGGTCCGCACGAACCCCGAGCGCTTCCGAGGTGCGGGTCCCAGGCCCGG
AATCCGGGGGAGGCGGGGGGGGGGGGGGGCGGGGGCGGGGGGAGGGGCG
CGGCGGCGGCGCTATAACCTCTCCCCGCCCGCCGGCCGGCTCCACACGCGCGCCC
TGCGGAGCCCGCCCAACTCCGGCGAGCCGGGCGCTGCGCCTACTCCTCCTCCTCCT
CTCCCCGGCGGGCGGCTGCGGCGGAGGCGCCGACTCGGCCTTGCGCCCGCCCTCAG
25 GCCCCGCGCGGGCGGCGCAGCGAGGCCCGGGCGGCGGGTGGTGGCTGCCAGGCG
GCTCGGCCGCGGGGCGCTGCCCGGCCCGGCGAGCGGAGGGCGGAGCGCGGGCGCC
GGAGCCGAGGGGCGCGCCGCGGAGGGGGTGTGTTGGGCCGCGCTGTGCCCGGCCGGG
CGGCGGCTGCAAGAGGAGGCCGGAGGCGAGCGCGGGGGCCGGCGGTGGGCGCGC
AGGGCGGCTCGCAGCTCGCAGCCGGGGCCGGGCCAGGCGTTCAGGCAGGTGATC
30 GGTGTGGCGGCGGCGGCGGCGGCGGCCCCAGACTCCCTCCGGAGTTCTTCTTGGG
GCTGATGTCCGCAAATATGCAGAATTACCGGCCGGGTGCTCCTGAAGCCAGCG
CGGGGAGCGAGCGCGGCGGCGGCCAGCACCGGGAACGCACCGAGGAAGAAGCC
CAGCCCCCGCCCTCCGCCCTTCCGTCCCCACCCCTACCCGGCGGCCCAGGAGG
CTCCCCGCGCTGCGGGCGCGCACTCCCTGTTTCTCCTCCTCCTGGCTGGCGCTGCC
35 TGCTCTCCGCACTCACTGCTCGCGCCGGGCGCGCTCCGCCAGCTCCGTGCTCCC
CGCGCCACCCTCCTCCGGGCGCGCTCCCTAAGGGATGGTACTGAATTTGCCCGC
CACAGGAGACCGGCTGGAGCGCCCCGCCCGCGGCCTCGCCTCTCCTCCGAGCAG
CCAGCGCCTCGGGACGCGATGAGGACCTTGGCTTGCTGCTCCTCGGCTGCG
GATACCTCGCCCATGTTCTGGCCGAGGTTGGTGCCGCCCCCGCGCCCCGTCCCTG
40 CGCCGGCTCCTCCG

SEQ ID NO: 144

>gi|2217690|gb|AA487526.1|AA487526 ab20e09.s1 Stratagene lung (#937210) Homo sapiens cDNA clone IMAGE:841384 3', mRNA sequence

45 TTGTGGAAACTCAACCTTTATTATTACCTGCCTAGTGCAGGGGATTAAAATTGC
CTCAAGCTAGGTCCATATATTAGTG

SEQ ID NO: 145

>gi|219911|dbj|D12614.1|HUMLTNFB Human mRNA for lymphotoxin (TNF-beta),
complete cds

5 GCCCCATCTCCTTGGGGCTGCCCCGTGCTTCGTGCTTTGGACTACCGCCCAGCAGTGT
CCTGCCCTCTGCCTGGGCCTCGGTCCCTCCTGCACCTGCTGCCTGGATCCCCGGCC
TGCTTGGGCCTGGGCCTTGGTTCTCCCCATGACACCACCTGAACGTCTCTTCCTCC
CAAGGGTGTGTGGCACCACCCTACACCTCCTCCTTCTGGGGCTGCTGCTGGTTCT
GCTGCCTGGGGCCCAGGGGCTCCCTGGTGTGCGCTCACACCTTCAGCTGCCCAG
10 ACTGCCCCGTCAGCACCCCAAGATGCATCTTGCCCACAGCACCTCAAACCTGCTG
CTCACCTCATTGGAGACCCCAAGCAGAAGTCACTGCTCTGGAGAGCAAACA
CGGACCGTGCCTTCCTCCAGGATGGTTTCTCCTTGAGCAACAATTCTCTCCTGGTC
CCCACCAGTGGCATCTACTTCGTCTACTCCCAGGTGGTCTTCTCTGGGAAAGCCT
ACTCTCCCAAGGCCACCTCCTCCCCACTCTACCTGGCCCATGAGGTCCAGCTCTTC
TCCTCCCAGTACCCCTTCCATGTGCCTCTCCTCAGCTCCCAGAAGATGGTGTATCC
15 AGGGCTGCAGGAACCCTGGCTGCACTCGATGTACCACGGGGCTGCGTTCCAGCTC
ACCCAGGGAGACCAGCTATCCACCCACACAGATGGCATCCCCACCTAGTCCTCA
GCCCTAGTACTGTCTTCTTTGGAGCCTTCGCTCTGTAGAACTTGGAAAAATCCAG
AAAGAAAAAATAATTGATTTCAAGACCTTCTCCCCATTCTGCCTCCATTCTGACC
ATTTACAGGGGTCGTCAACCACCTCTCCTTTGGCCATTCCAACAGCTCAAGTCTTCCC
20 TGATCAAGTCACCGGAGCTTTCAAAGAAGGAATTCTAGGCATCCCAGGGGACCA
CACCTCCCTGAACCATCCCTGATGTCTGTCTGGCTGAGGATTTCAAGCCTGCCTA
GGAATTCCCAGCCCCAAGCTGTTGGTCTGTCCCACCAGCTAGGTGGGGCCTAGAT
CCACACACAGAGGAAGAGCAGGCACATGGAGGAGCTTGGGGGATGACTAGAGG
CAGGGAGGGGACTATTTATGAAGGCAAAAAAATTAAATTATTTATTTATGGAGG
25 ATGGAGAGAGGGGAATAATAGAAGAACATCCAAGGAGAAACAGAGACAGGCC
AAGAGATGAAGAGTGAGAGGGCATGCGCACAAGGCTGACCAAGAGAGAAAGAA
GTAGGCATGAGGGATCACAGGGCCCCAGAAGGCAGGGAAAGGCTCTGAAAGCC
AGCTGCCGACCAGAGCCCCACACGGAGGCATCTGCACCCTCGATGAAGCCCAAT
AAACCTCTTTTCTCTG

30

SEQ ID NO: 146

>gi|1012035|gb|H59203.1|H59203 yr03c12.r1 Soares fetal liver spleen 1NFLS Homo sapiens
cDNA clone IMAGE:204214 5', mRNA sequence

35 AAAAGGAAGCTGTCTCGGGCATTGAACAAAGCTAAAAACTCCAGTGATGCCAAA
CTAGAACCAACAAATGTCCAAACCGTAACCTGTTCTCCTCGTGTAAGGCCCTGC
CTCTCAGCCCCAGGANACGTCTGGGCGATGACAACCTATGCAACACTCCCCATTT
ACCTCCTTGTTCTCCACCAAAGCAAGGCAAGAAAGAGAATGGTCCCCCTCACTCA
CATACACTTAAGGGACGAAGATTGGTATTTGACAATCAGCTGACAATTAAGTCTC
CTAGCAAAAGAGAACTAGCCAAAGTTCACCAAAACAAAATACTTTCTTTTCAGTTA
40 GGAAAAAGTCAAGGGNTTCACAACAAATTTTTGAGGCAGGGGTGTCCACTGAAG
GANAGGANTCTGGCTGCGTGGGGANTATTTCAAGGCAAGAAGGGCATTTGCTAC
CNGCAGGCAAAGTTGGTNC

SEQ ID NO: 147

45 >gi|1162368|gb|N39161.1|N39161 yv26a01.s1 Soares fetal liver spleen 1NFLS Homo
sapiens cDNA clone IMAGE:243816 3' similar to gb:M98399 PLATELET

GLYCOPROTEIN IV (HUMAN);, mRNA sequence

TTAAGGAAGAACATATTTTAATGGTTGAAACCTGTCTTTATGAGGCGATTATGAC
AGCAAAAAATATTATAATGAATAACAATGCATAGTCTACGCTTTGTAATATTTCA

TACAATAATTCCTTTATCATTTACATCTCTTAATGCTAGAAAAGCATTCTGAAGAT
 GCCAAGCGTAAGTTGCAACTGAGTAAAAAAAAAAAAAGCAAAATTTACTCAATTT
 CCAGAAGAGGTGCAGAACAGAGAATGAAGGTCCTTAAAATATAAACCGCTAGTG
 TGCTAAAATGATGTCCATTTGCAGGATCAGTGGACAAAATATTTAAGCCCATAAA
 5 GAAAAGAGTTATACCTGCTGTATGAAGGTATTCCATAGAGAAATATGAGTCATA
 AGCCAATTATTTATAAATGGCCTTCCAAATATTTGGT

SEQ ID NO: 148

>gi|1548486|gb|AA056148.1|AA056148 zf55d10.r1 Soares retina N2b4HR Homo sapiens
 10 cDNA clone IMAGE:380851 5' similar to TR:G1143719 G1143719 RS-REX-B. ;, mRNA
 sequence
 CTGTCCTCGGAGCAGGCGGAGTAAAGGGACTTGAGCGAGCCAGTTGCCGGATTA
 TTCTATTTCCCCTCCCTCTCTCCCGCCCCGTATCTCTTTTACCCTTCTCCCACCCT
 CGCTCGCGTANCATGGCGGACGTNNGGCGNCCACTCAGTCCCATTCCATCTCCTC
 15 GTCGTCTTCGGAGCCGAGCCGTCCGCGCCCCGGCGCGGCGNGNAGCCANGGAGC
 CTGCCCCGCCCTGGGGACGAAGAGCTGCAGCTCCTCCTGTGCGGTGCAGATTCTG
 ATTTTCTGGAGAGATGTGAAGAAGACTGGGTTTGTCTTTGGCACCACGCTGATCA
 TGCTGCTTTCCCTGGCAGCTTTCAGTGTTCATCAGTGTGGATTTCTTACCTCATCCT
 GGCTCTTCTCTCTGTACCATCAGCTTCAGGATCTACAAGTCCGTCATCCAAGCTG
 20 TACAGAAGTCAGAAGAAGGCCATCCATTCAAAGCCTACTGGACGTAGACATTAC
 TCTGTCTAGAAGTTTCATAATTACATGAATGTGCATGTGACATAACAGGGCCTGA
 AACNATATTCGTTNTTTGGTAGAAATTGGTTGATCTTGAAGT

SEQ ID NO: 149

>gi|545303|gb|S69200.1|S69200 EP3 prostanoid receptor isoform EP 3-II {alternatively
 25 spliced} [human, mRNA, 1682 nt]
 AGAGAGGAAGGCGTGGCTCCCTCCCGGGCCAGTGAGCCCTGGCGCCCGCCGCGGC
 CGCGGTCCCAGCAGCGGAGTAGGGCGGCGGCTGCGCCCCGCACCATGGGGGGCA
 GCCCAGCCCCAGCCGCGGTAAACGCCGACCTCCGCCGCCGCCCGCGCCGCGTCT
 30 GCCCCCTCCCGCTGCGGCTCTCTGGACGCCATCCCCCTCCTCACCTCGAAGCCAAC
 ATGAAGGAGACCCGGGGCTACGGAGGGGATGCCCCCTTCTGCACCCGCCTCAAC
 CACTCCTACACAGGCATGTGGGCGCCCGAGCGTTCCGCCGAGGCGCGGGGCAAC
 CTCACGCGCCCTCCAGGGTCTGGCGAGGATTGCGGATCGGTGTCCGTGGCCTTCC
 CGATCACCATGCTGCTCACTGGTTTTCGTGGGCAACGCACTGGCCATGCTGCTCGT
 35 GTCGCGCAGCTACCGGCGCCGGGAGAGCAAGCGCAAGAAGTCCTTCTGCTGTG
 CATCGGCTGGCTGGCGCTCACCGACCTGGTCGGGCAGCTTCTCACCAACCCGGTC
 GTCATCGTCGTGTACCTGTCCAAGCAGCGTTGGGAGCACATCGACCCGTCGGGGC
 GGCTCTGCACCTTTTTTCGGGCTGACCATGACTGTTTTTCGGGCTCTCCTCGTTGTTC
 ATCGCCAGCGCCATGGCCGTCGAGCGGGCGCTGGCCATCAGGGCGCCGCACTGG
 40 TATGCGAGCCACATGAAGACGCGTGCCACCCGCGCTGTGCTGCTCGGCGTGTGGC
 TGGCCGTGCTCGCCTTCGCCCTGCTGCCGGTGTGGGCGTGGGCCAGTACACCGT
 CCAGTGGCCCGGGACGTGGTGCTTCATCAGCACCGGGCGAGGGGGCAACGGGAC
 TAGCTCTTCGCATAACTGGGGCAACCTTTTCTTCGCCTCTGCCTTTGCCTTCCTGG
 GGCTCTTGGCGCTGACAGTCACCTTTTCTGCAACCTGGCCACCATTAAAGGCCCT
 45 GGTGTCCCGCTGCCGGGGCCAAGGCCACGGCATCTCAGTCCAGTGCCCAAGTGGGG
 CCGCATCACGACCGAGACGGCCATTCAGCTTATGGGGATCATGTGCGTGTGCTGTCG
 GTCTGCTGGTCTCCGCTCCTGATAATGATGTTGAAAATGATCTTCAATCAGACAT
 CAGTTGAGCACTGCAAGACACACACGGAGAAGCAGAAAGAATGCAACTTCTTCT
 TAATAGCTGTTTCGCCTGGCTTCACTGAACCAGATCTTGGATCCTTGGGTTTACCTG

CTGTTAAGAAAGATCCTTCTTCGAAAGTTTTGCCAGGTAGCAAATGCTGTCTCCA
GCTGCTCTAATGATGGACAGAAAGGGCAGCCTATCTCATTATCTAATGAAATAAT
ACAGACAGAAGCATGAAAGAAAACACTTAACTTGCATGTGCACAGCTTCTGGTA
ACAAATATCGCTAAACCTTACTGTGAATTTAGGCATCTCTGGCATGCCACTGTTT
5 ATGCATTGAAGTGGAATTTTTGGTATAAAGCTAAATGGTCTTAGAAGCATAGAAA
ATCCCTATGTGCCAAAAGTAGTGAAACACAAACAAAGGAAAATATATTAATAAC
AGTCTAGTGTTTTTGTGAGTCTGCCATTCTGTAGCTGAATATGTGATTAATTATGT
GATGAAAACCTTTTTTTATAAATGATCTTGGTCTATTGGGG

10 SEQ ID NO: 150

>gi|4481752|gb|M86849.2|HUMGAPJUNC Homo sapiens connexin 26 (GJB2) mRNA,
complete cds

GATTTAATCCTATGACAACTAAGTTGGTTCTGTCTTCACCTGTTTTGGTGAGGTT
GTGTAAGAGTTGGTGTGTTGCTCAGGAAGAGATTTAAGCATGCTTGCTTACCCAGA
15 CTCAGAGAAGTCTCCCTGTTCTGTCCTAGCTATGTTCCCTGTGTTGTGTGCATTTCGT
CTTTTCCAGAGCAAACCGCCCAGAGTAGAAGATGGATTGGGGCACGCTGCAGAC
GATCCTGGGGGGTGTGAACAAACACTCCACCAGCATTGGAAAGATCTGGCTCAC
CGTCCTCTTCATTTTTTCGCATTATGATCCTCGTTGTGGCTGCAAAGGAGGTGTGGG
GAGATGAGCAGGCCGACTTTGTCTGCAACACCCTGCAGCCAGGCTGCAAGAACG
20 TGTGCTACGATCACTACTTCCCCATCTCCACATCCGGCTATGGGCCCTGCAGCT
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25 TCTATGTCATGTACGACGGCTTCTCCATGCAGCGGCTGGTGAAGTGCAACGCCTG
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35 TCTGAGGACAAGAGAAAAAAGCCAGGTCCACAGAGGACACAGAGAAGGTTTG
GGTGTCTCCTGGGGTTCTTTTTGCCAACTTTCCCCACGTTAAAGGTGAACATTGG
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TGATGTAAAGATGTTCTGGATAACCATTATATGTTCCCCCTGTTTCAGAGGCTCAG
40 ATTGTAATATGTAAATGGTATGTCATTCGCTACTATGATTTAATTTGAAATATGGT
CTTTTGGTTATGAATACTTTGCAGCACAGCTGAGAGAGGCTGTCTGTTGTATTTCAT
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45 CCTGTCCAACACATCTCCCTTTTCCATGCTGTGGTAGCCAGCATCGGAAAGAACG
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SEQ ID NO: 151

>205581R6

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15 AGCATATGTCACCATGTCCAGCTTCTACCAAACCAGTGAAGTGTAAGAAAACC
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SEQ ID NO: 152

20 >3386845H1

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SEQ ID NO: 153

>gi|29707|emb|X07549.1|HSCATH Human mRNA for cathepsin H (E.C.3.4.22.16.)

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35 AGGGGATCATGGGTGAAGACACCTACCCCTACCAGGGCAAGGATGGTTATTGCA
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45 CTCTGTGCCCAGCCTGGAAACCTACAGACAAGGAGGAGTTCCACCATGAGCTCA
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SEQ ID NO: 154

>gi|1927579|gb|AA284668.1|AA284668 zt24g06.r1 Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE:714106 5' similar to gb:M15476 UROKINASE-TYPE

5 PLASMINOGEN ACTIVATOR PRECURSOR (HUMAN);
TTTTTCTGGACTGAAGCCTGCAGGAGTTAAAAAGGGCAGGGCATCTCCTGTGCAT
GGGTGAAGGGAGGGCCAGCTCCCCCGACGGTGGGCATTTGTGAGGCCCATGGTT
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10 GGGCAGGGCTCTGATATTCCATGAATGTATCAGGAAATATATATGTGTGTGTATG
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TTGTCTTTCTGGGAGAGGTTATAGGTCACCCCTGGGGCCTTCTTGGTCCCCCACGT
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15 AGTTCCTTTCACATAGATGTCCGTTCTT

SEQ ID NO: 155

>gi|186496|gb|M59911.1|HUMINTA3A Human integrin alpha-3 chain mRNA, complete cds
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25 ACCGGACTGGTGCTGTGTACCTGTGCCCACTCACTGCCACAAGGATGACTGTGA
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30 TGGCAGACCTACCACAACGAGATGTGCAATAGCAACACAGACTACCTGGAGACG
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35 CATTGTGACAGGTGCCCCACGGCACCGACATATGGGCGCGGTGTTCTTGCTGAGC
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40 TCACTCCTTCTTCATGGCCCCAGTGGCTCTGCCTTTGGTTTATCTGTGGCCAGCAT
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5 GGAGTGCGGGCCTGACAACAAGTGTGAGAGCAACTTGCAGATGCGGGCAGCCTT
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10 TGGGGAACCCCTTCAAACGGAACCAGAGGATGGAGCTGCTCATCGCCTTTGAGG
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20 CACCTGTCACTCTGGCTGCTGCCAAAAAGCCAAGTCTGAGACTGTGCTGACCTG
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GCCAGCCTCCAGAAGGCCCCAGAGAGACCCTGCAAGACCACGGAGGGAGCCGA
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5 CTTGTGCCTTCTTTGTATATAGGCTTCTCACCGCGACCAATAAACAGCTCCCAGTT
TGT

SEQ ID NO: 156

>gi|189204|gb|M14764.1|HUMNGFR Human nerve growth factor receptor mRNA, complete
cgs

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25 TGAGGCACCTCCAGAACAAGACCTCATAGCCAGCACGGTGGCAGGTGTGGTGAC
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45 AAGGGTGGCATCCCAGTGGCCTCAACCCTCCCTCAGCCCTCTTGCCCCCCACCC
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15 GGCCTGTTCTGTTTTGCCTGAAGTTGGAGTGAGTGTGGCTCCCCCTCTATTTAGCAT
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25

SEQ ID NO: 157

>873 BLOOD 234929.1 U34038 g1041728 Human protease-activated receptor-2 mRNA,
complete cds. 0

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45 TCTGGCCATTGGGGTCTTTCTGTTCCCAGCCTTCCTCACAGCCTCTGCCTATGTGC
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 NNN
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SEQ ID NO: 158

>279279H1

35 AGCACACCAAGGAGTGATTTTNAAAACTTACTCTGTTTTCTNNTTCCCAACAAGA
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SEQ ID NO: 159

>gi|340155|gb|K03226.1|HUMUKM1 Human preprourokinase mRNA, complete cds

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 45 TGCGTCCTGGTCGTGAGCGACTCCAAAGGCAGCAATGAACTTCATCAAGTTCCAT
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 5 GCCCCGCTTTAAGATTATTGGGGGAGAATTCACCACCATCGAGAACCAGCCCTGG
 TTTGCGGCCATCTACAGGAGGCACCGGGGGGGCTCTGTACCTACGTGTGTGGAG
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 CACGCAAGGGGAGATGAAGTTTGAGGTGGAAAACCTCATCCTACACAAGGACTA
 10 CAGCGCTGACACGCTTGCTCACCACAACGACATTGCCTTGCTGAAGATCCGTTCC
 AAGGAGGGCAGGTGTGCGCAGCCATCCCGGACTATACAGACCATCTGCCTGCCC
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 15 ACCAAAATGCTGTGTGCTGCTGACCCACAGTGGAAAACAGATTCCCTGCCAGGGA
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 GAGTCTCACACTTCTTACCCTGGATCCGCAGTCACACCAAGGAAGAGAATGGCCT
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 20 GTCATTTTTCAGTAGAGTCATCTCCATCAGCTGTAAGAAGAGACTGGGAAGAT

SEQ ID NO: 160

>4727571H1

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 25 CCACAAAGCCTTGGTGATGTGCCTGGGACTGCCTCTCTTCCTGTTCCAGGGGCC
 TGGGCCCAGGGCCATGTCCACCCGGCTGCAGCCAAGGCCTCAAGCCCCTGTACT
 ACAACCTGTGTGACCGCTCTGGGGCGTGGGGCATCGTCCTGGACGCCGTTGCTGG
 GGCGGGCATTGTCACCACGTTTGTGCTCACCATCATCCT

30 SEQ ID NO: 161

>2135769H1

GCTCGCGTCGCATTTGGCCGCCTCCCTACCGCTCCAAGCCCAGCCCTCAGCCATG
 GCATGCCCCCTGGATCAGGCCATTGGCCTCCTCGTGGCCATCTTCCACAAGTACT
 CCGGCAGGGAGGGTGACAAGCACACCCTGAGCAAGAAGGAGCTGAAGGAGCTG
 35 ATCCAGAAGGAGCTCACCATTGGCTCGAAGCTGCAGGATGCTGAAATTGCAAGG
 CTGATGGAAGACTTGACCGGAACAAGGACCAGGAGGTGAACCTCCAGGAGTAT
 GTCACCTTCCTGGGGGC

SEQ ID NO: 162

40 >gi|2179161|gb|AA456585.1|AA456585 zx73c10.s1 Soares ovary tumor NbHOT Homo
 sapiens cDNA clone IMAGE:809394 3' similar to SW:RECQ_HUMAN P46063 ATP-
 DEPENDENT DNA HELICASE Q1. ;, mRNA sequence
 TCTTTAAAGGCTTTATTTGCATTCTTGTAATTTTATTATTTCAAGTCAATGTGTTA
 AGAATTACTGCGCATATAGTTATTTCTTTATAAATTTGTTTTCCGTGATTCCTTC
 45 AAAAGCTTTCTTATTGTTGGCCTTTATTTCTGCAGAGAAGACTACAGTTTTACAG
 CTTATGCTACCATTTTCGTATTTGAAAATAGGACCTAAAGCTAATCTTCTGAACAA
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SEQ ID NO: 163

>1452259F6

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5 GCAGGGGTCCCCACCTACTCGNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNAGGTGATTCTGATCGGATGTTACATAG
CCATATCCAGGTACATCCACAAATCCAGCAGGCAATTCATAAGTCAGTCAAGCC
GANAGCGAAAACATAACCAGAGCATCAGGGTTGTTGTGGCTGTGTTTTTTACCTG
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10 CTTTATAGATGAATCTGCACAA

SEQ ID NO: 164

>1650566F6

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15 AATTTGACACAATTGTCTTGCCGGTGCTTTATCTCATTATATTTGTGGCAAGCATC
TTGCTGAATGGTTTAGCAGTGTGGATCTCTTCCACATTAGGAATAAAACCAGCTT
CATATTCTATCTCAAAAACATAGTGGTTGCAGACCTCATAATGACGCTGACATTT
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CTGCAGATACACCTCAGTTTTTGTTTTATGCAACATGTATACTTCCATCGTG
20

SEQ ID NO: 165

>gi|2177519|gb|AA454743.1|AA454743 zx77e01.s1 Soares ovary tumor NbHOT Homo
sapiens cDNA clone IMAGE:809784 3', mRNA sequence

AGCTTTTTTTTTTTCATAATAAAATGCATTCTTTATTGAGTGCATGGTGGCCCAGGT
25 GCTATTCCATGTATGTCATAGGTGTGAACTTTAAATCTTTCCAACAGCCACTGC
CTTATGGAGACTGTATCATCCTTATCTTCATCTTACAGGTGAGAAATCTGCAGTG
AAGAAAGGTACATCCCAAG

SEQ ID NO: 166

30 >gi|2072424|gb|U83115.1|HSU83115 Human non-lens beta gamma-crystallin like protein
(AIM1) mRNA, partial cds

CAGCTCCGAGGGGAGTCGGACCGGAGCAAACAGCCACCCCCGGCTTCGTCCCCC
ACGAAGAGGAAGGGCAGGAGCCGTGCCCTCGAGGCCGTGCCCGCCCCGCCCGCC
AGCGGCCCCCGGGCTCCCGCCAAGGAGTCCCCACCCAAGAGGGTGCCCGATCCC
35 AGCCCAGTCACCAAGGGCACTGCGGCCGAGAGCGGGGAGGAGGCGGCGCGGGC
CATCCCCCGCGAGCTCCCGGTCAAGAGCAGCTCGCTGCTGCCGGAGATCAAGCC
CGAGCACAAGAGGGGGCCCGCTCCCCAACCACTTCAACGGCCGGGCAGAGGGAGG
TCGAAGCAGAGAGCTGGGCAGAGCGGCCGGAGCGCCTGGAGCTTCTGACGCCGA
CGGCTTGAAGCCCAGGAACCATTTCGGCGTGGGCAGGTCGACAGTGACCACTAA
40 AGTGACCCCTCCCTGCCAAGCCCAAACATGTGGAACATAATCTTAAAACCCCTAAG
AATCTTGACAGTTTGGGAAATGAGCACAATCCATTTAGCCAGCCAGTTCACAAAG
GCAACACTGCCACCAAAATCTCCTTATTTGAAAACAAACGGACAAACAGTAGCC
CAAGACACACTGACATTCGAGGCCCCAAGGAATACTCCTGCCTCTAGTAAAACGTT
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45 TGAAAAGAAAGTAATGCCAAACAGTCCCCAGAATGGTGTGCTGGTTAAGGAAAC
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TCTGCTCTGATTCCTGTCAAGGATCATAAGCTCTTAGAGAAGGAGGACTCAGAGG

CTGCAGACAGCAAAAAGCCTTGTACTTGAAAATGTAACCGATACAGCACAAGACA
TCCCCACCACTGTGGATACCAAAGATTACCTCCAACGGCCATGCCAAAGCCACA
GCATACATTTTCTGACTCACAGTCCCCTGCTGAGTCATCTCCTGGGCCTTCTCTTT
CACTGTCTGCACCCGCTCCTGGGGATGTTCCCAAAGACACATGTGTTCAATCACC
5 CATAAGCAGTTTCCCATGCACTGATCTAAAAGTGTGAGAAAACCATAAAGGATG
TGTTTTGCCTGTGTCTCGTCAGAACAAATGAGAAAATGCCACTTTTAGAACTTGGA
GGAGAAACAACCCCTCCTTTGTCCACAGAGCGTAGTCCAGAAGCTGTGGGAAGT
GAGTGTCCATCCAGAGTCCTCGTCCAGGTCAGGTCCTTCGTGCTCCCCGTGGAGA
GCACCCAGGATGTGAGCTCCCAGGTCATCCCAGAGAGCTCTGAAGTTAGAGAAG
10 TGCAGTTGCCAACTTGTACAGTAATGAACCTGAAGTGGTTTCCGTTGCAAGTTG
TGCTCCCCCACAAGAGGAAGTACTGGGCAATGAACACTCTCATTGCACAGCAGA
GCTCGCGGCAAAATCTGGCCCACAAGTCATACCGCCAGCATCAGAGAAAACCTCT
GCCTATTCAGGCTCAAAGTCAGGGCAGCAGAACACCCCTGATGGCTGAATCCAG
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15 CAGACTGTTACAAATGGCCAGGATAGCCCTGCCAGCCTTTTGAACATTTCTGCTG
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20 AAGTCAGCCAGAAATGTCACCGGCTTTACATTTGATGCAGAACCTTGACACAAA
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25 CTCCTTCTGTGACATCAGTCAACACTATGACCACGGCTTTCAGTACTTCTCAGAA
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TCAATTTCAACTCGTCAAGTACATCACACTCCAGTTTGAAGTCCAAGCCACAT
GGAAAAATACCCGCAAAAAGAGAAAACCAAAGAAGATCTGGATTCACGAAGCA
30 ACCTACACTTGCCAGAACTAAATTTTCTGAATTGTCAAACTGAAGAATGATGA
TATGGAAAAGGCTAATCATATTGAAAGTGTTATTAAATCAAACCTTGCCAACTGT
GCAAACAGTGACACCGACTTCATGGGTCTTTTCAAATCAAGCCGGTATGACCCAA
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CCAAAATAAACTCAATCCCCGACCTGGAAAGGTAGTGATATATAGTGAACCCGA
35 CGTCTCTGAGAAGTGCATTGAAGTTTTTCAGTGACATTCAGGATTGCAGTTCTTGG
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40 TAGTCACATTGACTTATTTACTGAACCAGAAGGGTTAGGAATCCTAAGTTCCTAC
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10 TGTTGGAAGAAGGCCATTATCCTTGTCTGTCTGCAATGGGATGCCCGCCTGGAGC
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15 TCACCTGCAGAAGTACCTAATTGGTATGAATTCAGTGGCTGTCGCCAAATAGGTT
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20 GTAACATCTGGCTCCAAGCTAGGCCTGGCCCTGGACCAGAATGCTGACAGCCAG
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40 CTGGGCTCAAGCAATTCCTCGCCTCGGCCTCCCAAATGCTGGGATTACAGGCC
TGAGCCACTGCGCCCAGCCAGGATTTGAATTATTTTAACTCATCCATGGGCTGCC
CTAGAATGTCACAAATGAGGGTTGTTTAAATGCCTTTCTTATAGCTGCTACTGGAA
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ATGTTACATACTTTTTTGTAAACTCAGATTTTTTAGCCTAATTTCTTGTCTCCTA
45 TCCACCTGCATCCACACATGGCCTGCATGGGGCTGCCTTCCCTGCAGTGTTCTGC
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TAGCCACTAAACGAGGTGTGAAAGGCTCAAGAGGATGACCAGCAATTAATTATC
CCCAGAAAGTGAAGGAAAAGAGACCTTTAGGGATGTTGCTGGTCAAGTCTTGAT
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CATTTCAAAATGCAAACAAACTGCTTAACAACACTGACAAGACACCAGCCCATATG
CTGCTCTTCCAACAGTGGGTTCTAGCTTTGAACAAAAGTGCTAAACATTTCTTG
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5 GATCTTCTCTGGAGTCTATGGTAGGCAATTATGGTCACTGGAATAGTTTGTCTTGT
TTTAAAATATTATTGGTGCATGTACAACAGCATCCAACATATCTGTCTTGTTCTTA
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10

SEQ ID NO: 167

>gi|1518787|gb|U62801.1|HSU62801 Human protease M mRNA, complete cds

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15 CTCCCCGGCTGGCTGGCTCGCTCTCTCTGGGGACACAGAGGTGCGCAGGCAGCA
CACAGAGGGACCTACGGGCAGCTGTTCTTCCCCCGACTCAAGAATCCCCGGAG
GCCCCGAGGCCTGCAGCAGGAGCGGCCATGAAGAAGCTGATGGTGGTGCTGAGT
CTGATTGCTGCAGCCTGGGCAGAGGAGCAGAATAAGTTGGTGCATGGCGGACCC
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20 TCTGTGGTGGGGTCCTTATCCATCCACTGTGGGTCCTCACAGCTGCCCACTGCAA
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TTCCCAGGAGCAGAGTTCTGTTGTCCGGGCTGTGATCCACCCTGACTATGATGCC
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25 CTGCCACATCCTGGGCTGGGGCAAGACAGCAGATGGTGATTTCCCTGACACCATC
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30 CAACGTCTGCAGATACACGAACCTGGATCCAAAAAACCATTCAGGCCAAGTGACC
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35 CCCCACCACTAAGAGAATACAGGAAAATCCCTTCTAGGCATCTCCTCTCCCCAAC
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TTCTCACCTGTAAGATGAAGATAAGGATGATACAGTCTCCATCAGGCAGTGGCTG
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40 CCATGCACTCAATAAAGAATGTATTT

SEQ ID NO: 168

>gi|2570124|dbj|AB000712.1|AB000712 Homo sapiens hCPE-R mRNA for CPE-receptor, complete cds

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45 TCCTGACTCACGGTGCAAAGGTGCACTCTGCGAACGTAAAGTCCGTCCCCAGCGC
TTGGAATCCTACGGCCCCCACAGCCGGATCCCCTCAGCCTTCCAGGTCCTCAACT
CCCGTGGACGCTGAACAATGGCCTCCATGGGGCTACAGGTAATGGGCATCGCGC
TGGCCGTCTGGGCTGGCTGGCCGTCATGCTGTGCTGCGCGCTGCCCATGTGGCG

CGTGACGGCCTTCATCGGCAGCAACATTGTACCTCGCAGACCATCTGGGAGGGC
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TCAGCATCATCGTGGCTGCTCTGGGCGTGCTGCTGTCCGTGGTGGGGGGCAAGTG
5 TACCAACTGCCTGGAGGATGAAAGCGCCAAGGCCAAGACCATGATCGTGGCGGG
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10 CAAGTATTCTGCTGCCCGCTCTGCTGCTGCCAGCAACTACGTGTAAGGTGCCACG
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20 GATGGACGGGTTTAGAGGGGAGGGGCGAAGGTGCTGTAAACAGGTTTGGGCAGT
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SEQ ID NO: 169

>2027449H1

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TGTGGGGGAGAAAGTGGATGAGGAGGGGTGAAGAAGCTGATGGGCAGCCTGGA
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35 TCATCA

SEQ ID NO: 170

>gi|338633|gb|J05392.1|HUMSYN Human syndecan mRNA, complete cds

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CGGACTCCAGCCGGCGGACCCTGCAGCCCTCGCCTGGGACAGCGGCGCGCTGGG
CAGGCGCCCAAGAGAGCATCGAGCAGCGGAACCCGCGAAGCCGGCCCCGACGCC
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45 CTCTGACAACTTCTCCGGCTCAGGTGCAGGTGCTTTGCAAGATATCACCTTGTCA
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TCCCGACCACTCATCAGGCCTCAACGACCACAGCCACCACGGCCCAGGAGCCCG
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 TTCTGCCACCGAGAGGGGCTGCTGAGGATGGAGCCTCCAGTCAGCTCCCAGCAGC
 5 AGAGGGCTCTGGGGAGCAGGACTTCACCTTTGAAACCTCGGGGGAGAATACGGC
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 CACGGGGGGCCTCACAGGGGCCTCCTGGACAGGAAAGAGGTGCTGGGAGGGGTTCAT
 TGCCGGAGGCCTCGTGGGGGCTCATCTTTGCTGTGTGCCTGGTGGGTTTTCATGCTGT
 ACCGCATGAAGAAGAAGGACGAAGGCAGCTACTCCTTGGAGGAGCCGAAACAA
 10 GCCAACGGCGGGGGCCTACCAGAAGCCCACCAAACAGGAGGAATTCTATGCCTGA
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 25 CCCGTTTCTGGTGGTCTGTTGGCAGGCTGGCCAGTCCAGGCTGCCGTGGGGCCGC
 CGCCTCTTTCAAGCAGTCGTGCCTGTGTCCATGCGCTCAGGGCCATGCTGAGGCC
 TGGGCCGCTGCCACGTTGGAGAAGCCCGTGTGAGAAGTGAATGCTGGGACTCAG
 CTTTCAGACAGAGAGGACTGTAGGGAGGGCGGCAGGGGCCTGGAGATCCTCCTG
 CAGACCACNCCCGTCTGCTGTGCGCCGTCTCCAGGGGCTGCTTCCTCCTGGAA
 30 ATTGACGAGGGGTGTCTTGGGCAGAGCTGGCTCTGAGCGCCTCCATCCAAGGCC
 AGGTTCTCCGTTAGCTCCTGTGGCCCCACCCTGGGCCCTGGGCTGGAATCAGGAA
 TATTTTCAAAGAGTGATAGTCTTTTGCTTTTGGCAAACTCTACTTAATCCAATG
 GGTTTTTCCCTGTACAGTAGATTTTCCAATGTAATAAACTTTAATATAAAGT

35 SEQ ID NO: 171

>gi|602452|gb|M25315.1|HUMCYTNEWA Homo sapiens (clone pAT 464) potential lymphokine/cytokine mRNA, complete cds

GAATTCCCGGCAGCAGACAGTGGTCAGTCCTTTCTTGGCTCTGCTGACACTCGA
 GCCCACATTCCGTCACCTGCTCAGAATCATGCAGGTCTCCACTGCTGCCCTTGCT
 40 GTCCTCCTCTGCACCATGGCTCTCTGCAACCAGTTCTCTGCATCACTTGCTGCTGA
 CACGCCGACCGCCTGCTGCTTCAGCTACACCTCCCGGCAGATTCCACAGAATTC
 ATAGCTGACTACTTTGAGACGAGCAGCCAGTGCTCCAAGCCCGGTGTCATCTTCC
 TAACCAAGCGAAGCCGGCAGGTCTGTGCTGACCCAGTGAGGAGTGGGTCCAGA
 AATATGTCAGCGACCTGGAGCTGAGTGCCTGAGGGGTCCAGAAGCTTCGAGGCC
 45 CAGCGACCTCGGTGGGCCCAGTGGGGAGGAGCAGGAGCCTGAGCCTTGGAACA
 TCGTGTGACCTCCACAGCTACCTCTTCTATGGACTGGTTGTTGCCAAACAGCCA
 CACTGTGGGACTCTTCTTAACCTTAAATTTTAATTTATTTATACTATTTAGTTTTGT
 AATTTATTTTCGATTTACAGTGTGTTTGTGATTGTTTGTCTCTGAGAGTTCCCTG
 TCCCCTCCCCCTTCCCTCACACCGCGTCTGGTGACAACCGAGTGGCTGTCATCAG

CCTGTGTAGGCAGTCATGGCACCAAAGCCACCAGACTGACAAATGTGTATCGGA
TGCTTTTGTTCAGGGCTGTGATCGGCCTGGGGAAATAATAAAGATGCTCTTTTAA
AAGGT

5 SEQ ID NO: 172

>gi|179039|gb|M30704.1|HUMARXC Human amphiregulin (AR) mRNA, complete cds,
clones lambda-AR1 and lambda-AR2

AGACGTTTCGCACACCTGGGTGCCAGCGCCCCAGAGGTCCCGGGACAGCCCGAGG
CGCCGCGCCCGCCGCCCCGAGCTCCCCAAGCCTTCGAGAGCGGCGCACACTCCC
10 GGTCTCCACTCGCTCTTCCAACACCCGCTCGTTTTTGCGGCAGCTCGTGTCCCAGA
GACCGAGTTGCCCCAGAGACCGAGACGCGCCGCTGCGAAGGACCAATGAGAGC
CCCGCTGCTACCGCCGGCGCCGGTGGTGTCTGCTCTTGATACTCGGCTCAGGC
CATTATGCTGCTGGATTGGACCTCAATGACACCTACTCTGGGAAGCGTGAACCAT
TTTCTGGGGACCACAGTGCTGATGGATTTGAGGTTACCTCAAGAAGTGAGATGTC
15 TTCAGGGAGTGAGATTTCCCCTGTGAGTGAAATGCCTTCTAGTAGTGAACCGTCC
TCGGGAGCCGACTATGACTACTCAGAAGAGTATGATAACGAACCACAAATACCT
GGCTATATTGTCGATGATTCAGTCAGAGTTGAACAGGTAGTTAAGCCCCCCCCAAA
ACAAGACGGAAAGTGAAAATACTTCAGATAAACCCAAAAGAAAGAAAAAGGGA
GGCAAAAATGGAAAAAATAGAAGAAACAGAAAGAAGAAAAATCCATGTAATGC
20 AGAATTTCAAAATTTCTGCATTACGGAGAATGCAAATATATAGAGCACCTGGA
AGCAGTAACATGCAAATGTCAGCAAGAATATTTTCGGTGAACGGTGTGGGGAAAA
GTCCATGAAAACCTCACAGCATGATTGACAGTAGTTTATCAAAAATTGCATTAGCA
GCCATAGCTGCCTTTATGTCTGCTGTGATCCTCACAGCTGTTGCTGTTATTACAGT
CCAGCTTAGAAGACAATACGTCAGGAAATATGAAGGAGAAGCTGAGGAACGAA
25 AGAAACTTCGACAAGAGAATGGAAATGTACATGCTATAGCATAACTGAAGATAA
AATTACAGGATATCACATTGGAGTCACTGCCAAGTCATAGCCATAAATGATGAGT
CGGTCCTCTTTCCAGTGGATCATAAGACAATGGACCCTTTTTTGTATGATGGTTTT
AAACTTTCAATTGTCACCTTTTTATGCTATTTCTGTATATAAAGGTGCACGAAGGTA
AAAAGTATTTTTTCAAGTTGTAAATAATTTATTTAATATTTAATGGAAGTGTATTT
30 ATTTTACAGCTCATTAACCTTTTTTAACC

SEQ ID NO: 173

>1227785H1

AAGATTTGCATTCACCTGGCCCAAACCCTTTTTGTCTCTTTGGGTGACCGGAAAA
35 CTCCACCTCAAGTTTTCTTTTGTGGGGCTGCCCCCAAGTGTCGTTTGTTTTACTG
TAGGGTCTCCCCGCCCCGGCGCCCCCAGTGTTTTCTGAGGGCGGAAATGGCCAATT
CGGGCCTGCAGTTGCTGGGCTTCTCCATGGCCCTGCTGGGCTGGGTGGGTCTGGT
GGCCTGCACCGCCATCCCGNAGTGGCAGATGAGCTCCTATGCGGGTGACA

40 SEQ ID NO: 174

>4872203H1

CTGCTGGCTCACCTCCGAGCCACCTCTGCTGCGCACCGCACCTCGGACCTACAGC
CCAGGATACTTTGGGACTTGCCGGCGCTCAGAAACGCGCCCAGACGGCCCCCTCC
ACCTTTTGTGTGCTAGGGCGCCGAGAGCGCCCGGAGGGAACCGCCTGGCCTTCG
45 GGGACCACCAATTTTGTCTGGAACCACCCTCCCGGCGTATCCTACTCCCTGTGCC
GCGAGCCATCGCTTCACTGGAGGG

SEQ ID NO: 175

>gi|1011705|gb|H58873.1|H58873 yr36a12.s1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:207358 3' similar to gb:K03195 GLUCOSE TRANSPORTER TYPE 1, ERYTHROCYTE/BRAIN (HUMAN);, mRNA sequence

5 ACTATAACTTAGTGTCTGTATTTAATATTGACAACCAAAAATATATATANTTTTNT
TGCATCTATACACAACAGGGCAGGAGTCTCCATGTNTTCTTGAGCAGTGAGTTTG
CAGGCTCCCACAGGCCCTCTTCTCATGGTAATAGTGTGGCCCTAGTGCAAAGGAG
ACTAGAACCCGGCAGCCCAGACTGGCCCTTCCCCTCTCCTCCCTGCACTCCAGTG
CTTCCCAACTGGTCTCAGGTAAAGAAAGNNTTANTTTGAGTGGTTGGGTAGGAAG
10 AGATGGGAAGGGGGCAAATCCTAATGGGAGCCTGACCCCTAGAGTGGGGAGTTCC
AGGGCCAGCAGAACGGGTGGGCCATAGCCCTNCCTGGGGNTAGAAGCTTTGTAG
TTCATAGTTCGATTAGTNTGTCCNTAGGGCATNAGGTNCCAGCCCTACAGATTAG
CT

15 SEQ ID NO: 176

>1858095F6

CATCCATTTCATCGATTTCGCGCATTCTCCAGACCTTTACAGCCTGTGCTGGGTACTG
GAGACTCCCTGGGTGGGGGGCCCTGAGGGCCCGTGCTTCTGCCCCACCCCTGCAA
CCTGACACGCTATGGGAAAGAGATCTCCATGGTCAGGATCCCCAACAGGGGGCTC
20 AGCCCGGTACCTGGCGAGGAAGTACAACCGCAACGAGACCTACATACGGGAGAA
CTTCCTGGTCCTAGATGTCTTCTTTGAGGCCCTGACCTCTGAAGCCATGGAGCAG
CGAGCAGCCTATGGCCTGTCAGCCCTGCTGGGAGACCTCGGGGGACAGATGGGC
CTGTTTATTGGGGCCAGCATCCTCACGTTGCTGGAGATCCTCGACTACATCTATG
AGGTGTCCTGGGATCGACTGAAGCGGGTATGGAGGCGTCCCAAGACCCCCCTG
25 GGGACCTCCACTGGGGGCATCTCCA

SEQ ID NO: 177

>gi|2046919|gb|AA393950.1|AA393950 zt78a10.r1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:728442 5' similar to gb:L29007_cds1 AMILORIDE-SENSITIVE SODIUM CHANNEL ALPHA-SUBUNIT (HUMAN);, mRNA sequence

30 AGGAGAGCATGATCAAGGAGTGTGGCTGTCTACATCTTCTATCCGCGGCCCCAGA
ACGTGGAGTACTGTGACTACAGAAAGCACAGTTCCTGGGGGTACTGCTACTATA
AGCTCCAGGTTGACTTCTCCTCAGACCACCTGGGCTGTTTCACCAAGTGCCGGAA
GCCATGCAGCGTGACCAGCTACCAGCTCTCTGCTGGTTACTCACGATGGCCCTCG
35 GTGACATCCCAGGAATGGGTCTTCCAGATGCTATCGCGACAGAACAATTACACC
GTCAACAACAAGAGAAATGGAGTGGCCAAAGTCAACATCTTCTTCAAGGAGCTG
AACTACAAAACCAATTCTGAGTCTCCCTCTGTACGATGGTCACCCTCCTGTCCA
ACCTGGGCAGCCAGTGGAGCCTGTGGTTCGGCTCCTCGGTGTTGTCTGTGGTGGA
GATGGCTGAGCTCGTCTTTGACCTGCTGGTCATCATGTTCTCATGCTGCTCGAAG
40 TTCTNN

SEQ ID NO: 178

>gi|2184104|gb|AA459197.1|AA459197 zx88h05.r1 Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE:810873 5', mRNA sequence

45 GTGCCAGCCCCCGACTGGCCTGGCCACACTGCTCTCCAGTAGCACAGATGTCTGC
TCCTCCTCTTGAACCTTGGGTGGGAAACCCACCCAAAAGCCCCCTTTGTTACTTA
GGCAATTCCCCTTCCCTGACTCCCGAGGGCTAGGGCTAGAGCAGACCCGGGTAA
GTAAAGGCAGACCCAGGGCTCCTCTAGCCTCATACCCGTGCCCTCACAGAGCCAT
GCCCCGTCACCTCTGCCCTGTGTCTTTCATACCTCTACATGTCTGCTTGAGATATT

TCCTCAGCCTGAAAGTTTCCCCAACCATCTGCCAGAGAACTCCTATGCATCCCTT
AGAACCCTGCTCAGACACCATTACTTTTGTGAACGCTTCTGCCACATCTTGTCTTC
CCCAAATTGATCACT

5 SEQ ID NO: 179

>2701503T6

ACACTGAAGTCCACCCTGGGAGCTGGTAAAACAATTTTCAGTCTCAGACCCGTCTG
TTTTCCAGGGTCCTCCGAGCCTGGGCTTTCCTCAAGAGCGTGGCCCAAGGGCCCCA
CAGCCCAGATCCGGCAGCCCCACCACCTTCACTGAGGAGGCCCCGAAGCTCCGTT
10 CCCGCTGCTCCTTAGAGACAGGGGAGGCAGATATGCACAAACGCGCCTCGGCCC
AGCTTGGGGCTGGCGGGGGAGGCTGTGTCTTCAAACCTTTGCCCCCAGTTGGGTC
AGTAGAACCACCAAGTGTCTTCCCCTTCTACCTCCCAGCTCCACTTTGGAGGCTGA
GGAAGCGAGAGGTTTTCTAGGCAGATTTGGAGCCCTGGAGATTGAGTTCACAGT
GTATGTTCTGGGGGCGCTGGTGCAGTCAGCGGTCCAGTCTCCAGCCTGCAGGCGT
15 GCACACTGGGGTGGACGATGGGTGGCCCCGCAGTGTACACATTTGGGTGGGCCC
CGGCCCCTATACCCAGTGTTCTCTTTGATCCAGTCCCGAAACAGAAGGGAGCTT
GTGTACAC

SEQ ID NO: 180

20 >2798465H1

CAGATCTGGATGGAGTTGTGACCTTTGACTTGTTTAAGTGGTTGCAGCTGACCAT
GTTTGCATGAGGCAGGGACTCGGTCCCCCTTGCCGTGCTCCCCTCCCTCCTCGTCT
GCCAAGCCTCGCCTCCTACCACACCACACCAGGCCACCCAGCTGCAAGTGCCTT
CCTTGGAGCAGAGAGGCAGCCTCGTCTCTCTGTCCCCTCTCCTCCCA

25

SEQ ID NO: 181

>gi|29370|emb|Y00106.1|HSBAR Human gene for beta-adrenergic receptor (beta-2 subtype)

GAATTCATGCCGCGTTTCTGTGTTGGACAGGGGTGACTTTGTGCCGGATGGCTTC
TGTGTGAGAGCGCGCGCGAGTGTGCATGTCGGTGAGCTGGGAGGGTGTGTCTCA
30 GTGTCTATGGCTGTGGTTTCGGTATAAGTCTAAGCATGTCTGCCAGGGTGTATTTG
TGCTGTATGTGCGTGCCTCGGTGGGCACTCTCGTTTCCTTCCGAATGTGGGGCA
GTGCCGGTGTGCTGCCCTCTGCCTTGAGACCTCAAGCCGCGCAGGCGCCCAGGGC
AGGCAGGTAGCGGCCACAGAAGAGCCAAAAGCTCCCGGGTTGGCTGGTAAGCAC
ACCACCTCCAGCTTTAGCCCTCTGGGGCCAGCCAGGGTAGCCGGGAAGCAGTGG
35 TGGCCCGCCCTCCAGGGAGCAGTTGGGCCCCGCCCGGGCCAGCCTCAGGAGAAG
GAGGGCGAGGGGAGGGGAGGGAAAGGGGAGGAGTGCCTCGCCCCCTTCGCGGCT
GCCGGCGTGCCATTGGCCGAAAGTTCCCGTACGTACGGCGAGGGCAGTTCCCTT
AAAGTCCTGTGCACATAACGGGCAGAACGCACTGCGAAGCGGCTTCTTCAGAGC
ACGGGCTGGAAGTGGCAGGCACCGCGAGCCCCCTAGCACCCGACAAGCTGAGTGT
40 GCAGGACGAGTCCCCACCACACCCACACCACAGCCGCTGAATGAGGCTTCCAGG
CGTCCGCTCGCGGCCCGCAGAGCCCCGCCGTGGGTCCGCTGCTGAGGCGCCCCC
AGCCAGTGCCTTACCTGCCAGACTGCGCGCCATGGGGCAACCCGGGAACGGCA
GCGCCTTCTTGTGTCACCCAATAGAAGCCATGCGCCGGACCACGACGTCACGC
AGCAAAGGGACGAGGTGTGGGTGGTGGGCATGGGCATCGTCATGTCTCTCATCG
45 TCCTGGCCATCGTGTGTTGGCAATGTGCTGGTCATCACAGCCATTGCCAAGTTCGA
GCGTCTGCAGACGGTCACCAACTACTTCATCACTTCACTGGCCTGTGCTGATCTG
GTCATGGGCCTGGCAGTGGTGCCCTTTGGGGCCGCCCATATTCTTATGAAAATGT
GGACTTTTGGCAACTTCTGGTGCGAGTTTGGACTTCCATTGATGTGCTGTGCGTC
ACGGCCAGCATTGAGACCCTGTGCGTGATCGCAGTGGATCGCTACTTTGCCATTA

CTTCACCTTTCAAGTACCAGAGCCTGCTGACCAAGAATAAAGGCCCGGGTGATCAT
TCTGATGGTGTGGATTGTGTCAGGCCTTACCTCCTTCTTGCCATTGAGATGCACT
GGTACCGGGCCACCCACCAGGAAGCCATCAACTGCTATGCCAATGAGACCTGCT
GTGACTTCTTCACGAACCAAGCCTATGCCATTGCCTCTTCCATCGTGTCTTCTAC
5 GTTCCCTGGTGATCATGGTCTTCGTCTACTCCAGGGTCTTTCAGGAGGCCAAAA
GGCAGCTCCAGAAGATTGACAAATCTGAGGGGCCGCTTCCATGTCCAGAACCTTA
GCCAGGTGGAGCAGGATGGGCGGACGGGGGCATGGACTCCGCAGATCTTCCAAGT
TCTGCTTGAAGGAGCACAAAGCCCTCAAGACGTTAGGCATCATCATGGGCACTTT
CACCTCTGCTGGCTGCCCTTCTTCATCGTTAACATTGTGCATGTGATCCAGGATA
10 ACCTCATCCGTAAGGAAGTTTACATCCTCCTAAATTGGATAGGCTATGTCAATTC
TGGTTTCAATCCCCTTATCTACTGCCGGAGCCCAGATTTCAGGATTGCCTTCCAGG
AGCTTCTGTGCCTGCGCAGGTCTTCTTTGAAGGCCTATGGGAATGGCTACTCCAG
CAACGGCAACACAGGGGAGCAGAGTGGATATCACGTGGAACAGGAGAAAGAAA
ATAAACTGCTGTGTGAAGACCTCCAGGCACGGAAGACTTTGTGGGCCATCAAG
15 GTACTGTGCCTAGCGATAACATTGATTCACAAGGGAGGAATTGTAGTACAAATG
ACTCACTGCTGTAAAGCAGTTTTTCTACTTTTAAAGACCCCCCCCCCAACAGAA
CACTAAACAGACTATTTAACTTGAGGGTAATAAACTTAGAATAAAATTGTAAAAT
TGTATAGAGATATGCAGAAGGAAGGGCATCCTTCTGCCTTTTTTATTTTTTTAAGC
TGTA AAAAGAGAGAAA ACTTATTTGAGTGATTATTTGTTATTTGTACAGTTCAGT
20 TCCTCTTTGCATGGAATTTGTAAGTTTATGTCTAAAGAGCTTTAGTCCTAGAGGAC
CTGAGTC

SEQ ID NO: 182

>gi|2110744|gb|AA429219.1|AA429219 zv78h08.r1 Soares_total_fetus_Nb2HF8_9w Homo
25 sapiens cDNA clone IMAGE:759807 5' similar to TR:G1136412 G1136412 KIAA0176
PROTEIN ;, mRNA sequence
GTGATCTGCATGTGGCAGGGCTGCGCAGTGGAGCGGCCAGTGGGCAGGATGACG
AGCCAGACCCCTCTGCCCCAGTCCCCCGGCCAGGCGGCCAACGATGTCTACTG
TTGTGGAGCTGAACGTCGGGGGTGAGTTCCACACCACCACCTGGGTACCCTGAG
30 GAAGTTTCCGGGCTCAAAGCTGGCAGAGATGTTCTCTAGCTTAGCCAAGGCCTCC
ACGGACGCGGAGGGGCCGCTTCTTCATCGACCGCCCCAGCACCTATTTAGACCCA
TCCTGGACTACCTGCGCACTGGGCAAGTGCCACACAGCACATCCCTGAAGTGTAC
CGTGAGGCTCAGTTCTACGAAATCAAGCCTTTGGTCAAGCTGCTGGAGGACATGC
CACAGATCTTTGGTGAGCAGGTGTCTCGGAAGCAGT

35
SEQ ID NO: 183
>903559H1
CAACTTCACAGAAGCTCTCGCTGAGACAGCCTGTAGGCAGATGGGCTACAGCAG
CAAACCCACTTTTACAGAGCTGTGGAGATTGGCCCAGACCAGGATCTGGATGTTGTT
40 GAAATCACAGAAAACAGCCAGGAGCTTCGCATGCGGAACTCAAGTGGGCCCTGT
CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTTGCTGTGGGAAGAGCCTGAAGA
CCCGGGGTGTGGTGGGTGGGGAGGAG

SEQ ID NO: 184

45 >gi|189952|gb|M86400.1|HUMPHPLA2 Human phospholipase A2 mRNA, complete cds
GCCCACTCCCACCGCCAGCTGGAACCTGGGGACTACGACGTCCCTCAAACCTTG
CTTCTAGGAGATAAAAAGAACATCCAGTCATGGATAAAAATGAGCTGGTTCAGA
AGGCCAAACTGGCCGAGCAGGCTGAGCGATATGATGACATGGCAGCCTGCATGA
AGTCTGTA ACTGAGCAAGGAGCTGAATTATCCAATGAGGAGAGGAATCTTCTCTC

AGTTGCTTATAAAAAATGTTGTAGGAGCCCGTAGGTCATCTTGGAGGGTCTGTCTCA
AGTATTGAACAAAAGACGGAAGGTGCTGAGAAAAAACAGCAGATGGCTCGAGA
ATACAGAGAGAAAATTGAGACGGAGCTAAGAGATATCTGCAATGATGTACTGTC
TCTTTTGGAAAAGTTCTTGATCCCCAATGCTTCACAAGCAGAGAGCAAAGTCTTC
5 TATTTGAAAATGAAAGGAGATTACTACCGTTACTTGGCTGAGGTTGCCGCTGGTG
ATGACAAGAAAGGGATTGTCGATCAGTCACAACAAGCATACCAAGAAGCTTTTG
AAATCAGCAAAAAGGAAATGCAACCAACACATCCTATCAGACTGGGTCTGGCCC
TTAACTTCTCTGTGTTCTATTATGAGATTCTGAACTCCCCAGAGAAAGCCTGCTCT
CTTGCAAAGACAGCTTTTGATGAAGCCATTGCTGAACTTGATACATTAAGTGAAG
10 AGTCATACAAAGACAGCACGCTAATAATGCAATTACTGAGAGACAACCTTGACAT
TGTGGACATCGGATACCCAAGGAGACGAAGCTGAAGCAGGAGAAGGAGGGGAA
AATTAACCGGCCTTCCAACCTTTTGTCTGCCTCATTCTAAAATTTACACAGTAGACC
ATTTGTCATCCATGCTGTCCCAAAATAGTTTTTTTGTTTACGATTTATGACAGGTT
TATGTTACTTCTATTTGAATTTCTATATTTCCCATGTGGTTTTTATGTTTAATATTA
15 GGGGAGTAGAGCCAGTTAACATTTAGGGAGTTATCTGTTTTTCATCTTGAGGTGGC
CAATATGGGGATGTGGAATTTTTATACAAGTTATAAGTGTTTGGCATAGTACTTT
TGGTACATTGTGGCTTCAAAGGGGCCAGTGTAAGTCTTCCATGTCTAAGCAA
AGAAAAGTGCCTACATACTGGTTTGTCTTGGCGGGGAATAAAAGGGATCATTGG
TTCCAGTCACAGGTGTAGTAATTGTGGGTACTTTAAGGTTTGGAGCACTTACAAG
20 GCTGTGGTAGAATCATACCCCATGGATACCACATATTAAACCATGTATATCTGTG
GAATACTCAATGTGTACACCTTTGACTACAGCTGCAGAAGTGTTCCCTTTAGACAA
AGTTGTGACCCATTTTACTCTGGATAAGGGCAGAAACGGTTCACATTCCATTATT
TGTAAGTTACCTGCTGTTAGCTTTTATTATTTTTGCTACACTCATTTTATTTGTAT
TTAAATGTTTTAGGCAACCTAAGAACAAATGTAAAAGTAAAGATGCAGGAAAAA
25 TGAATTGCTTGGTATTCATTACTTCATGTATATCAAGCACAGCAGTAAAACAAAA
ACCCATGTATTTAACTTTTTTTTAGGATTTTTGCTTTTTGTGATTTTTTTTTTTTTT
TTGATACTTGCCTAACATGCATGTGCTGTAAAAATAGTTAACAGGGAAATAACTT
GAGATGATGGCTAGCTTTGTTTAATGTCTTATGAAATTTTCATGAACAATCCAAG
CATAATTGTTAAGAACACGTGTATTAAATTCATGTAAGTGGAATAAAAGTTTTAT
30 GAATGGACTTTTCAACTACTTTCTCTACAGCTTTTCATGTAAATTAGTCTTGGTTC
TGAAACTTCTCTAAAGGAAATTGTACATTCTTTGAAATTTATTCCTTATTCCCTCT
TGGCAGCTAATGGGCTCTTACCAAGTTTAAACACAAAAATTTATCATAACAAAAAT
ACTACTAATAATACTACTGTTTCCATGTCCCATGATCCCCTCTCTTCCCTCCCCACC
CTGAAAAAAATGAGTTCCTATTTTTTCTGGGAGAGGGGGGGGATTGATTAGAAAA
35 AAATGTAGTGTGTTCCATTTAAAATTTTGGCATATGGCATTTCCTAACTTAGGAA
GCCACAATGTTCTTGGCCCATCATGACATTGGGTAGCATTAAGTAAAGTTTGT
GCTTCCAAATCACTTTTTTGGTTTTTAAGAATTTCTTGATACTCTTATAGCCTGCCTT
CAATTTTGATCCTTTATTCTTTCTATTTGTCAGGTGCACAAGATTACCTTCCTGTTT
TAGCCTTCTGTCTTGTACCAACCATTCTTACTTGGTGGCCATGTACTTGAAAAA
40 GGCCGCATGATCTTTCTGGCTCCACTCAGTGTCTAAGGCACCCTGCTTCCTTTGCT
TGCATCCACAGACTATTTCCCTCATCCTATTTACTGCAGCAAATCTCTCCTTAGT
TGATGAGACTGTGTTTATCTCCCTTTAAACCCTACCTATCCTGAATGGTCTGTCA
TTGCTGCTTTTAAATCCTTCCCTCTTTCTTCCCTCCTCTATTCTCTAAATAATGATG
GGGCTAAGTTATACCCAAAGCTCACTTTACAAAATATTTCCCTCAGTACTTTGCAG
45 AAAACACCAAACAAAAATGCCATTTTAAAAAAGGTGTATTTTTTCTTTTAGAATG
TAAGCTCCTCAAGAGCAGGGACAATGTTTTCTGTATGTTCTATTGTGCCTAGTAC
ACTGTAAATGCTCAATAAATATTGATGATGGGAGGCAGTGAGTCTTGATGATAA
GGGTGAGAACTGAAATCCC

SEQ ID NO: 185

>2301338H1

GTGACCTTTGACTTGTTTAAAGTGGTTGCAGCTGACCATGTTTGCATGAGGCAGGG
ACTCGGTCCCCCTTGCCGTGCTCCCCCTCCCTCCTCGTCTG

5

SEQ ID NO: 186

>gi|1209100|gb|U41163.1|HSU41163 Human creatine transporter (SLC6A10) gene, partial
cds

10 CATGCGTGACTGCCCCCACA CTCACTCCCCACATGCTCCATGCC
TCCTGTCCCCACTGAGGAGAGCTCCTAGAGGCTCGCCCGCTCCCCACTGACATGC
ATCCCTGCAGACAAACGAGGGCGCCAGAGAGCTTCCCCACTGCACTTGCCAGGG
CTGCGGGGCCAGCCTTGCCCCCTAGCTTCCTCTGGCGGGAGCTATGGCTCGGAGGA
GAATGGGGACTTCTGAACATACTGCCCGCAAGGGGGACCGGAGGTGCTCGGAG
TGGGCTTGTGAGGGAGGTGGTGCCGCAGTCCCCGCTGAGCAGCCTGGCCCCCA
15 GATCGTGTACTTCACTGCTACATTCCCCTACGTGGTCGTGGTCGTGCTGCTTGTGC
TTGGAGTGCTGCTGCCTGGCGCCCTGGACAGCATCATTTACTATCTCAAGCCTGA
CTGGTCAAAGCTGGGGTCCCCTCAGGTGAGGTGGAGGTGGGGAGGCTGCAGCAG
GGTGTGTGGGGGAGCCCTGCAGGCCCTCATGCCTGCACTCTCCAGCCCTTTCT
CTGTAGGTATGGATAGATGTGGGGACCCAGATTTTCTTTTCTTATGCCATTGGCCT
20 GGGGGCCCTCACAGCCCTGGGCAGCTACAACCGCTTCAACAACA ACTGCTACAA
GTAAGCACTGCTGCCCTGCCACCCGTGCCCTGTCCCGCCCTGCCCTGCCCAGCAG
CCTAACCCATCCACTCTGGCCCCCTCCACCCCTCCAGGACGCCATCATCCTGGCTG
TCATCAACAGTGGGACCAGCTTCTTTGCTGGCTTCGTGGTCTTCTCCATCCTGGGC
TTCATGGCTGCAGAGCAGGGCATGCACATCTCCAAGGTGGCAGAGTCAGGTAGG
25 GCCCTACCCCCAGCCCCGCCTCCAGAGCAGCAACTGCCACCCAGATGCATGATGT
ACAAGAACACGCAATAGAAATGCTGAAAAGTGATGAGGATTCAAACAGAACTTC
TCAGATTGTGGGCCTGTGGGGGCAGGTCTGGGATTTTTCAATGTTGACAGAGAC
AGGACCTCCCAGCCCCCTGCTGCATGACCCAGGGTTGACAGCACCTCAGAGGCAG
GCGTGGGCATGGGCGTGAGTGTTGCAGGCAGGGCTCAGGGTGCGCGCAGGGCAC
30 GACATCGGCTGCAAGGTCTAGAGCCTGCACCTTTCCACAGGGCCGGGCCTGGCC
TTCATCGCCTACCCACAGGCTGTCACACTGATGCCAGTGGCCCCACTCTGGGCTG
CCCTGTTCTTCTTCATGCTGTTGCTGCTTGGTCTCGACAACCAGTTTGCATGGGCT
CTGGGACAGGGAGCCAGGAGAGGGGCGGAGTGAGGGCTGCGGGCAAGGAAAGG
GGTGGAGGGTGGTGCGGGGCTCGGCCTGAGCTAGCCTGGCCACAGTTTGTAGGT
35 GTGGAGGGCTTCATCACCGGCCTCCTCAACCTCCTCCCGGCCTCCTACTACTTCTG
TTTCCAAAGGGAGATCTCTGTGGCCCTCTGTTGTGCCCTCCGCTTTGTATTGATC
TCTCCATGGTGACTGATGTGAGTGGGGTGGGGGGTCTGCCTGTGACCTCTGGTGG
CCGTCTGCCATCCTCCCTGACTGGGCTCTGTCCCCCAGGGTGGGATGTATGTCTTC
CAGCTGTTTGACTACTACTCGGCCAGCGGCACCACTGCTCTGGCAGGCCTTTT
40 GGGAGTGCGTGGTGGTGGTCTGGGTGTATGGTAGGTCATGGCTGAGGGCTGGGC
TGGGGCATGGTGACGGGGAAGGCAGGTCTCCAGCTTGGCCCTCCCGCCTCGCCTT
GCCACAGGAGCTGACCGCTTCACGGACGACATTGCCTGTATGATCGGGTACCGA
CCTTGCCCCCTGGATGAAATGGTGCTGGTCCTTCTTCACCCCGCTGGTTTGCATGGT
AAGGGCTGGGGGAGGTGGGGCGGGGTGGGGGGGGCGGGGCGGGGTGGGGGCC
45 CATTAAAGGACGGGCATTCTGGTCTGTAGGGCATCTTCATCTTCAACGTTGTGTAC
TACAAGCCGCTGGTCTACAACAACACCTACGTGTACCCGTGGTGGGGTGAGGCC
ATGGGCTGGGCCTTCGTGCTGTCTCCATGCTGTGCATGCCACTGCACCTCCTGG
GCTGCCTCCTCAGGGCCAAGGGCACCATGGCTGAGGTAAGGCTCCCTCCCGGCCT
GCCCTCCCCTCCCCTGCTATGAACATTCAACCCAGCCTGCTTCCTAGCCAAGGAG

TGGCCCTGACTAGGGTGGCAGGCAGCAGGAGCTGGAGAGAGAGGGCAGAGGAAG
 TCACCGTGGGGATGAGCAGGTGACTCTGGGGGCTTCAACATGTCCTCTCCTGCAG
 TGCTGGAAGCACCTGACCCAGCCCATCTGGGGCCTCCACCACTTGGAGTACCGAG
 CTCAGGATGCAGATGTCAGGGGCTGACCACCTGACCCCACTGTCGAGAGCA
 5 GCAAGGTCGTCGTGGTGGAGAGTGTTCATGGGACAGCTCAGCTCACATCACCAGC
 TCACCTCTGGTAGCCATAGCAGCCCCTGCTTCATCCCCACCCACCCCTCCAGGG
 GGCCTGCCTTTCCCTGACACTTTTGGGGTCTGCCTGGGAGAGGAGGGGAGAAAG
 CACCATGAGTGCTCACTAAAACAACCTTTTCCATTTTAAATAAAAACGCCAAAAAT
 ATCACAACCCACCAAAAAATAGATGCCTCTCCCCCTCCAGTCCTAGCCCAGCTGGT
 10 CCTAGGCCCCGCCTAGTGCCCCACCCCAACCCACAGTGCTGCACTCCTCCTGCCC
 CTGCCACGCCCACCCCTGCCACCTCTCCAGGTTCTGCTCTGTAGCACACCCTTG
 GGTGACCCCTCACCCAGAAAGCAGCAGTGCGCAGCTTGGGAAATGTGAGGAAGGG
 AAGGAGGGAGAGACGGGAGGGAGGAGAGAGAGGAGAAGGGAGGCAGGGGAGG
 GGCAGCAGAACCAAGACAAATATTTTCAGCTGGGCTATACCCCTCTCCCCATCCCT
 15 GTTATAGAAGCTTAGAGAGCCAGCCAGCAGTGGAACCTTCTGGTTCCTGCGCCAA
 TCACCACCAATATCAATTGTGTGAGCTTGGGTGCGAGTGCACGCGTGCCTGAGCA
 CGTAGAGTATATATAGATCTCTATCTCTTAGCAAAGGTGAATACCAGATGTAAAT
 GGTGCCTCTGGGCAAAGGAGGCTTGTATTTTGCACATTTTATAACAACTTGAGAG
 AATGAGATTTCTGCTTGTATATTTCTAAAAAGAGGAAGGAGCCCCAAACCCATCC
 20 TCTCCTTACCCTCCCCATTTCTGTGAGCCCTACCTTACCCCTCTGCCCTAGC
 CTAGGAGTGTGAATTTATAGATCTAACTTTCAGAGGCAAAACAAAAGCTTCGAG
 CTGTTGATGTGCAGTCTGTTGTGTGGATGTGTGTGTGTGGTCCCCCAGACCCAGA
 ATGGATTGAAAAGTGCATGGTGGGGCCTCGGGGCTGTCCCCACGCTGTCCCTTT
 GCCCACAGGTCTGTGGGGCAACAGGCTGCAATATTCATCCTGGGTGTCTGGGCT
 25 GCTAACCTGGCCTGCTCAGGCTTCCCACCTGTGCCCTGGGCTGGGCACACCCCC
 GGGAAGGGACCCCGGACACGGCTCCACATCCAGGCTCAAGGCGGATGCACTTC
 CTGCACCTCCAGTCTTCTGTGTAGCGGCTTTAACCCACGTATGTCTGTACGTCCA
 GTCCCGAGACGGCTGAGTGACCCCAAGAAAGGCTTCCCTGACACCCGGACAGAG
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 30 GCTA

SEQ ID NO: 187

>gi|681577|gb|T70429.1|T70429 yd13g08.r1 Soares fetal liver spleen 1NFLS Homo sapiens
cDNA clone IMAGE:67070 5', mRNA sequence

35 CCAAACCATGTCAGACATGATATGATCAGATTTGTGTTTTGAAAAATTAACACTG
 CAATGTGGAGAATTGATTGGAGGGAATCAGAAGAGTCCAGTAAGTAGGAAAAA
 GTAATAACTTACACTAGGGTGGTAGCAGTAAGAATGGAAAGAAGTAGATGCATT
 TGAATGATACTCAAAAGGTGAAAATAACTGTTCTTAGTGATGAGATAGATGTAG
 GGATAAGCTGAAGCACTTAATGTAAAGGGACGGATGGTGTGTTCTTTTATTAAGA
 40 TAGGGAAGAGTAGGAGATTAGATTTCCAGAGGGAAGATCATGAGGTTGNATTTA
 AGGACGTCTTTGAGTTTAAATGCCTCTGCCCTTCTTAAGTGGGAGATGTCCAAG
 TTAAGNCATTTGGGAT

SEQ ID NO: 188

45 >gi|1177439|emb|Z67743.1|HSCLC7MR H.sapiens mRNA for CLC-7 chloride channel
protein

GACGAGGAGGCGGCGCCGCTGCTGCGGAGGACGGCGCGGCCCGGCGGGGGGAC
 GCCGCTGCTGAACGGGGCTGGGCCCCGGGGCTGCGCGCCAGTCACCACGTTCTGC
 GCTTTTCCGAGTCGGACATATGAGCAGCGTGGAGCTGGATGATGAACTTTTGGAC

CCGGATATGGACCCTCCACATCCCTTCCCCAAGGAGATCCCACACAACGAGAAG
CTCCTGTCCCTCAAGTATGAGAGCTTGGACTATGACAACAGTGAGAACCAGCTGT
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AGCGCTGGGTTCATCTGCGCCCTCATTGGGATCCTCACGGGCCTCGTGGCCTGCTT
5 CATTGACATCGTGGTGGAAAACCTGGCTGGCCTCAAGTACAGGGTTCATCAAGGG
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GCCACGCTGAACGCCGCCTTCGTGCTCGTGGGCTCTGTGATTGTGGCTTTCATAG
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10 GATCCTGTCCGTGGTTCGGGGGCCTGGCCGTGGGAAAGGAAGGGCCGATGATCCA
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15 GGAGGATCTTCTTTGCTTCCATGATCTCCACGTTACCCCTGAATTTTGTCTGAGC
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20 CCGTGCTGGTGGCCGCCGTACGGCCACAGTTGCCTTCGTGCTGATCTACTCGTC
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25 GTGTCTGCCGGGGTCTTCATCCCGTCCCTGCTCATCGGGGCTGCCTGGGGCCGGC
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GCCC GGCTCCAGGGCCTGATCCTGCGCTCCCAGCTCATCGTTCTCCTAAAGCACA
35 AGGTGTTTGTGGAGCGGTCCAACCTGGGCCTGGTACAGCGGCGCCTGAGGCTGA
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TGGGCCTGCGGCACCTGGTGGTGGTGGACAACCGCAATCAGGTTGTCGGGTGGT
40 GACCAGGAAGGACCTCGCCAGGTACCGCCTGGGAAAGAGAGGCTTGGAGGAGCT
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SEQ ID NO: 189

>gi|190135|gb|M33882.1|HUMPMX1A Human p78 protein mRNA, complete cds

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AGAACGCCGCCATCCAGCCACCATTCCAAGGAGGTGCAGGAGAACAGCTCTGTG

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5 GCGCCCCTGCATCGACCTCATTGACTCCCTGCGGGCTCTAGGTGTGGAGCAGGAC
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10 GAAAAGGAAATTAATAAAGCCCAGAATGCCATCGCCGGGGAAGGAATGGGAAT
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15 CATGGCCCAGGAGGTGGACCCCGAGGGAGACAGGACCATCGGAATCTTGACGAA
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20 CCCTGCCTGGCAGAAAACTTACCAGCGAGCTCATCACACATATCTGTAAATCTC
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25 CCACAAATGGAGTACAATAATTGAAAACAATTTTCAAGAAGGCCATAAAATTTT
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30 GCCAAGTCCAAAATTGAAGACATTAGAGCAGAACAAAGAGAGAGAAGGTGAGAA
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40 TAGCCACTGGACTGACGACTTGAGTGCTCAGTAGTCAGACTGGATAGTCCGTCTC
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45 CTTATTTCTCATTTTTATAATGTCCCTTCACAAACCCAGTGTTTTAGGAGCATGA
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SEQ ID NO: 190

>gi|184570|gb|M13755.1|HUMIFN15K Human interferon-induced 17-kDa/15-kDa protein mRNA, complete cds

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10 CCCGAGCGGTGTGGCGCTGCAGGACAGGGTCCCCCTTGCCAGCCAGGGCCTGGG
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GACCGTGGCCACCTGAAGCAGCAAGTGAGCGGGCTGGAGGGTGTGCAGGACGA
CCTGTTCTGGCTGACCTTCGAGGGGAAGCCCCTGGAGGACCAGCTCCCGCTGGGG
GAGTACGGCCTCAAGCCCCTGAGCACCGTGTTCATGAATCTGCGCCTGCGGGGA
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15 GATCAAGGGCCGAAATAAAGGCTGTTGTAAGAGAAT

SEQ ID NO: 191

>gi|183032|gb|M10901.1|HUMGCRA Human glucocorticoid receptor alpha mRNA, complete cds

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AAGAAAACCCAGCAGTGTGCTTGCTCAGGAGAGGGGAGATGTGATGGACTTCT
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25 GGCTGTCGCTTCTCAATCAGACTCCAAGCAGCGAAGACTTTTGGTTGATTTTCCA
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30 CCAAGAGTTCAGCATCCACTGCTGTGTCTGCTGCCCCACAGAGAAGGAGTTTC
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35 GGAGAAGACGATTTCCTTTTGAAGGAAAGTGAATGAGGACTGCAAGCCT
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40 TGTTTATGGTGTGAGTACCTCTGGAGGACAGATGTACCACTATGACATGAATACA
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45 AACAACAGGACCACCTCCCAAAGTCTGCCTGGTGTGCTCTGATGAAGCTTCAGGA
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5 GAAATGGGCAAAGGCAATAACCAGGTTTCAGGAACCTTACACCTGGATGACCAAAT
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10 AAACCTTACTGCTTCTCTCTTCAGTTCCTAAGGACGGTCTGAAGAGCCAAGAGCT
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20 ATGGTGAAATTTATTAGTTAATATATCCCAGAAATTAGAAACCTTAATATGTGGA
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5 CTTCAGAAAGTTTGGCAATAGTTTGCATAGAGGTACCAGCAATATGTAAATAGTGC
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SEQ ID NO: 192

>gi|340868|gb|M23317.1|HUMCD3E01 Human membrane protein (CD3-epsilon) gene,
exons 1 and 2

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15 AATTTTCAGTGCATCTCCCTCTTCCTGTCAGAGCTTATAGAGGAAGGAAGACCCC
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20 AGGTAAAACCCGCAGGCCCCAGAGGCCTCTCTACTTCCTGTGTGAGGTTTCAAGAAC
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GTCTGCTGGCCTCCGCCATCTTAGTAAAGTAACAGTCCCATGAAACAAAGATGCA
25 GTCGGGCACTCACTGGAGAGTTCTGGGCCTCTGCCTCTTATCAGGTGAGTAGGAT
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SEQ ID NO: 193

>gi|307505|gb|L12350.1|HUMTHRSPO Human thrombospondin 2 (THBS2) mRNA,
complete cds

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25 CCCAACCTCAATCTGGTCTGCGCCACCAACGCCACCTACCACTGCATCAAGGATA
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30 CAACAATGGAGAGGGTGACGCCTGCTCCGTGGACATTGATGGGGACGATGTCTT
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15 ATGGGTGTGACGCGGTTCCAGATGTGGATTTGGCAAACCTCATTTAAGTAAAAG
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20 AAATATTTTGTAAATATTTATTAAGTGACTATAGAATGCAACTCCATTTACCAGTA
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25 TGTTATCTATCTGCTGTATATGGAATTCTTTTAATTCAAACGCTGAAAACGAATCA
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30 CATCACATTTCTATGCCAAACAGGAACGATCCATAACTTTAGTCTTAATGTACAC
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35 TAGAATGTACCATATTTTTTGTAATTATTTATGTTTTTCTAAACAAATTTATCGT
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40 SEQ ID NO: 194

>2499967T6

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45 CATTGAGCTTCATCTTGGGAGGNGTGANGCGNGTCCCGANACCGCTGGACGCCC
ACGNNNCTGGNGTGGGTNGCCGTCGGANGTCTGGCCCACTCCGCACCAAGTTCTT
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SEQ ID NO: 195

5 >093603H1
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SEQ ID NO: 196

>gi|30081|emb|X57527.1|HSCOL8A1 Human COL8A1 mRNA for alpha 1(VIII) collagen
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25 GGGCCTCATGGACTTCCTGGCATTGGGAAGCCAGGTGGGCCAGGGTTACCAGGG
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30 AGGGGCTCCAGGAGAACCCGGTCGACAAGGCCCTATTGGGGTACCGGGGGTTCA
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35 AATAGGTTCCCCAGGAATAGGGGGTTCTCCAGGAGAGCCAGGCCTGCCTGGAAT
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GGTGGGATTGTAGGGCCACAGGGGCCACCAGGTCCCAAGGGTGAGCCAGGGCTT
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40 CAGGACTCCCTGGTGTTCAGGGCTTCTCGGACCTAAGGGAGAACCAGGAATCC
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CAGGGCCCCCTGGGTTCCTGGTATAGGGAAACCCGGAGTGGCAGGACTTCATG
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45 ACCCCCAGGCCCTCCAGGACCTCCAGGACCCCCAGCTGTGATGCCCCCTACACCA
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ATGCCTGCATTTACCGCCGAGCTAACCGCACCCTTTCCACCGGTGGGGGGGCCAG
TGAAGTTTAACAAACTGCTGTATAACGGCAGACAGAATAACAACCCGCAGACAG

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5 CAGGACTGTATGCCGGGCAGTATGTCCACTCCTCCTTTTCAGGATATTTATTGTAT
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SEQ ID NO: 197

>g1949404

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15 CCT

SEQ ID NO: 198

>gi|1057867|gb|H79778.1|H79778 yu77h11.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:239877 5' similar to SP:S43160 S43160 YEAST RPD3

20 HOMOLOG - AFRICAN CLAWED FROG ;, mRNA sequence

NGTTATCAACCAGGTAGTGGACTTCTACCAACCCACGTGCATTGTGCTCCAGTGT
GGANTGGACTCTCTGGGCTGTGATCGATTGGGCTGCTTTAACCTCAGCATCCGAG
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25 TCGCTGCTGGTAGAAGAGGCCATTAGTGAGGAGCTTCCCTATAGTGAATACTTCG
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GAC

30

SEQ ID NO: 199

>gi|3928429|emb|X72781.1|HSTRPIV Homo sapiens mRNA for trypsinogen IV a-form

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35 AAGATTGTTGGGGGCTACACCTGTGAGGAGAATTCTCTCCCCTACCAGGTGTCCC
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45 CTGCAACGGACAGCTCCAAGGAGTTGTCTCCTGGGGCCATGGCTGTGCCTGGAA
GAACAGGCCTGGAGTCTACACCAAGGTCTACAACATATGTGGACTGGATTAAGGA
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SEQ ID NO: 200

>5171695H1

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5 ACAGAATATCCAAGATGACTTTAACAATGCTATTTTAGTAAATACATCAAAGCGA
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SEQ ID NO: 201

>gi|182734|gb|K00650.1|HUMFOS Human fos proto-oncogene (c-fos), complete cds

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15 AGGCGCTCTCTGCCCCATCCCCCCCCGACCTCGGGAACAAGGGTCCGCATTGAACC
AGGTGCGAATGTTCTCTCTCATTCTGCGCCGTTCCCGCCTCCCCCTCCCCCAGCCGC
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TTCCCGTCAATCCCTCCCCCCTTACACAGGATGTCCATATTAGGACATCTGCGTCA
GCAGGTTTCCACGGCCTTTCCCTGTAGCCCTGGGGGGAGCCATCCCCGAAACCCC
20 TCATCTTGGGGGGCCACGAGACCTCTGAGACAGGAAGTGCAGAAATGCTCACGA
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25 GACTGAGCCGGCGGGCCGCGGCGCAGCGAACGAGCAGTGACCGTGCTCCTACCCA
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35 AAGCACAAACTCGCTAACTAGAGCCTGGCTTCTTCGGGGAGGTGGCAGAAAGCG
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SEQ ID NO: 202

>gi|1049052|gb|U26644.1|HSU26644 Human fatty acid synthase (fas) mRNA, complete cds
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 GACCGTCGCTGGAAGGCTGGGCTCTACGGCCTGCCCCGGCGGTCCGGCAAGCTG
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 35 GGACGGAGGCATCAACCCAGATTCCTCCGAGGAACACACACTGGCGTCTGGGT
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GGCACTCGAGACCAAGGTGACCCAGCAGGGGCTGAAGATGGTGGTGGCGGACTG
45 GACGGGGGCCAGATCCCCCGGGACCCCTCACAGCAGGAAGTGGCCCGGCTGTT
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CGCATCCCAGGCCTGCTCAGCCCCCATCCCCTGCTGCAGCTGAGCTACACGGCCA
CCGACCGCCACCCCCAGGCCCTGGAGGCTGCCAGGCCGAGCTGCAGCAGCACG
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5 AGCTCTCAGCAACATGGTGGCTGCCCTGAGAGAAGGGGGCTTTCTGCTCCTGCAC
ACACTGCTCCGGGGGACCCCTCGGGACATCGTGGCCTTCCTCACCTCCACTGAGC
CGCAGTATGGCCAGGGCATCCTGAGCCAGGACGCGTGGGAGAGCCTCTTCTCCA
GGGTGTCGCTGCGCCTGGTGGGCCTGAAGAAGTCCTTCTACGGCGCCACGCTCTT
CCTGTGCCGCGGCCACCCCGCAGGACAGCCCCATCTTCCTGCCGGTGGACGAT
10 ACCAGCTTCCGCTGGGTGGAGTCTCTGAAGGGCATCCTGGCTGACGAAGACTCTT
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GGTGAAGTGTCTCCGCCGAGAGCCCGGGCGGAACCGTCCGGTGTGTGCTGCTCTCC
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CAGAAGGTGTTGCAGGGAGACCTGGTGATGAACGTCTACCGCGACGGGGCCTGG
15 GGGGTTTTCCGCCACTTCCTGCTGGAGGACAAGCCTGAGGAGCCGACGGCACAT
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25 GTCTTCACCACCGTGGGGTTCGGCTGAGAAGCGGGCGTACCTCCAGGCCAGGTTCC
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30 TGAAGAACGTGACATTCCACGGGGTCTACTGGATGCGTTCTTCAACGAGAGCA
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35 CAAGACCTTCTGCCCCGGCCACAAGAGCTACATCATCGCTGGTGGTCTGGGTGGC
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40 TCTTCAACCTGGCCGTGGTCTTGAGAGATGGCTTGTGCTGGAGAACCAGACCCCA
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45 CAGTGGGGCGCCATCGGCACCGTGGGCATTTTGGTGGAGACGATGAGCACCAC
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 5 CCCCACGCCCAAGGAGGATGGTCTGGCCCAGCAGCAGACTCAGCTGAACCTGCG
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 TGCGCCCTTGACAGCATCCACAGCCTGGCTGCCTACTACATCGACTGCATCAGG
 CAGGTGCAGCCCGAGGGCCCCCTACCGCGTGGCCGGCTACTCCTACGGGGCCTGC
 10 GTGGCCTTTGAAATGTGCTCCCAGCTGCAGGCCAGCAGAGCCCAGCCCCACCC
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 15 GATCATCAAGAGCCACCAGGGCCTGGACCGCCAGGAGCTGAGCTTTGCGGCCCG
 GTCCTTCTACTACAGGCTGCGTGCCGCTGACCAGTATACACCCAAGGCCAAGTAC
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 20 ATCAGCATCATCCACAGCTCCCTGGCTGAGCCACGTGTGAGTCGGGAGGGCTAG

SEQ ID NO: 203

>gi|748131|gb|T98394.1|T98394 ye59f12.s1 Soares fetal liver spleen 1NFLS Homo sapiens
cDNA: clone IMAGE:122063 3', mRNA sequence

25 ACTTTTATTGTCATCCAGCACCTGTGATAGTTTCATGTCTCTCTAAAGGAGACAG
 GAAATTGGAGCATTGTGGGCCCTTTTAAAAGAAAAGAGGAGTAGGTTAGGCACAC
 CCAGGTGCTTCTAAAACAACCAAGCCCAAACCTGACATGCTCCTCCCCACAGTCA
 CCTTCATTGTCCCCTTTAAAAGTCTGGAACAGTATGTAGCAAAACAAATAAATTA
 CTTTTCATTTCAAAGTAAGTCCAAAGGTTGAAGCTGCCTAGGCCAGGGGTTCTG
 30 GGACAGGGTGCTTCAAAGGAAGTGAGGCTTTCTTTTCAACTTCCTTAGGCTCT
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 NGTTTTAGGTTAGGACTTNGGGGGATCCCGTTNGCTT

SEQ ID NO: 204

35 >gi|476704|gb|L26336.1|HUMHSPA2A Homo sapiens heat shock protein (HSPA2) gene,
complete cds

CCTCCACCTCCCGGGTTCAAGCGATTCTCCTGCCTCAGCCTCCCGAGTAGCTGAG
 ACTACAGGCACGCGCCACCACGCCAGCTAATTTTTGTATCTTTAGTAGAGACGG
 GCTTTCACCATGTTGGCCAGGATGGTCTCGATGTCTTAACGTCGTGATCCGGCCG
 40 CCTCGGCCTCCCAAGTGCTGGGATTACAGGCGTTAGCCACTGCGCCCCGGCCCCAG
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 CATAATATCCCAGGAGGCCGACCGCCGGTTCAGACTTTTTCTTTTCTTTAATCCCC
 GTCCAAGGGATCCGCCCTCACCCCCACCCAGCCACCCCAATTCCCTATTCCCT
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 45 ACCAACTCAGAATGAATTCCTCCGCCCTGCGTGCTCAGTGAGTCGGCACCCCTAG
 CAGTGAAGTGCATTTAAACCTCAGGAATTGAGCGAACTCTCCAGTGGCTCTCC
 TCACCGGGATCCCCTTCCACGCCTCCTCCCCGTGCCGCGCCTCAGTCCGCACTGCT
 CATTGGCCGCGTGCTGCCAATCCGATGCACGTGCGCTAGGGCAAAGACCGCGA
 AAAAGCGCGTACACCTGGCTCTGGGAGCGCGCGCCTAACGCCAGCCAGCAGCAG

GAGGCGCGCGAGGCACACGGCCTGGCGGGCCGAGAGTCAGGGAGGAACCTCATT
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CAACTTGAAATCTGTTGGGTACGCGGCCAGTCACTCCGACCTAGGCAAGCCTGTG
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5 TTCCCAGAGGCGGCTATAAGAACCGGGAACCTGGGCGCGGGGAGCTGAGTTGCTG
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10 AGCTACGTGGCCTTCACGGACACCGAGCGCCTCATCGGCGACGCCGCCAAGAAC
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25 ACCTCTTTCGCGGGACCCTGGAGCCGGTGGAGAAGGCGCTGCGCGACGCCAAGC
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35 CCGCCGCGGACAAGAGCACCGGTAAGGAAAACAAAATCACCATCACCAATGACA
AAGGTCGTCTGAGCAAGGACGACATTGACCGGATGGTGCAGGAGGCGGAGCGGT
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40 ACTGGCTCGACCGAAACCAGATGGCAGAGAAAGATGAGTATGAACACAAGCAG
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45 TATTGTTGGAAGTCTTTGGTATATGCAAATGAAAGGAGAGGTGCAACAACCTTAGT
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SEQ ID NO: 205

5 >gi|483537|emb|Z29330.1|HSUCEH2 H.sapiens (23k/2) mRNA for ubiquitin-conjugating
enzyme UbcH2
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ATGTCATCTCCCAGTCCGGGCAAGAGGCGGATGGACACGGACGTGGTCAAGCTC
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10 AAGTTTTATGGACCACAAGGAACACCATATGAAGGCGGAGTATGGAAAGTTAGA
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15 CATGTACCTCCACCGACCAGAAGAATACAAGCAGAAAATTAAAGAGTACATCCA
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25 AAACCAACCAGCTCTTGGATGTGAAGATAAAATAGTGCTTTTTTGAATGGAGA
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30 GGCCCTGCAGCCACAGTGTTCTGTTGGAGAACTTGGGGAAGTGTTTTCTGAACC
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ACAGGAGGAGAAAAGTGACTGGGACGATGCTTCCTCTCATCCAAAACACATGCA
GAGTCACATCCTCATCCTAGTGTTTGGCAGTTTGAGACCGCTACCCTGAACTTAA
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SEQ ID NO: 206

>4694921H1

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SEQ ID NO: 207

45 >gi|1162368|gb|N39161.1|N39161 yv26a01.s1 Soares fetal liver spleen 1NFLS Homo
sapiens cDNA clone IMAGE:243816 3' similar to gb:M98399 PLATELET

GLYCOPROTEIN IV (HUMAN);, mRNA sequence

TTAAGGAAGAACATATTTTAATGGTTGAAACCTGTCTTTATGAGGCGATTATGAC
AGCAAAAAATATTATAATGAATAACAATGCATAGTCTACGCTTTGTAATATTTCA
TACAATAATTCCTTTATCATTTACATCTCTTAATGCTAGAAAAGCATTCTGAAGAT

GCCAAGCGTAAGTTGCAACTGAGTAAAAAAAAAAAAAGCAAATTTACTCAATTT
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 5 AGCCAATTATTTATAAATGGCCTTCCAAATATTTGGT

SEQ ID NO: 208

>gi|1469913|gb|U41070.1|HSU41070 Human P2 purinergic receptor mRNA, complete cds

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 30 GCTGTACGCGTGCGCCGGCGGGCGGCTCGTGCCTCGGCGGGCGTGGGCTTCGTC
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 35 CTGGAGGAGGAGCAGGGGCGTGGAGGGCGTGGAGGGCGTGGGAGCGTGGGAGG
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40 SEQ ID NO: 209

>gi|2196448|dbj|D89078.1|D89078 Homo sapiens mRNA for leukotriene b4 receptor,
 complete cds

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 45 CTCTGCTCTGGCTTTTCTCCAAGCAGAACAAGTGGGGGCTCTGGAAAGGTAAAGG
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5 AAGGAGACATTCTCTGTCCAGGAAACGGGTAAGGGGACCATTCTGCATTGCTG
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15 AGGACCTAGTCACAGCTCCAACCTACACTTCCTATTAATCTTAAAAACAAAGCGAA
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25 TCCCGACGGCCATGAACACTACATCTTCTGCAGCACCCCCCTCACTAGGTGTAGA
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30 GTTGGCCGCTGTGTCACTATGTCTGCGGAGTCAGCATGTACGCCAGCGTCCTGCT
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SEQ ID NO: 210

>gi|521217|gb|M27602.1|HUMTRPSGNB Human pancreatic trypsinogen (TRY2) mRNA,
complete cds

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AGTCTCTATACCAATAAAGTGACCCTGCTCTCAC

20 SEQ ID NO: 211

>gi|186262|gb|M24594.1|HUMII56KD Human interferon-inducible 56 Kd protein mRNA,
complete cds

CCAGATCTCAGAGGAGCCTGGCTAAGGAAAACCCTGCAGAACGGCTGCCTAATT
TACAGCAACCATGAGTACAAATGGTGATGATCATCAGGTCAAGGATAGTCTGGA
25 GCAATTGAGATGTCACTTTACATGGGAGTTATCCATTGATGACGATGAAATGCCT
GATTTAGAAAACAGAGTCTTGGATCAGATTGAATTCCTAGACACCAAATACAGT
GTGGGAATACACAACCTACTAGCCTATGTGAAACACCTGAAAGGCCAGAATGAG
GAAGCCCTGAAGAGCTTAAAAGAAGCTGAAAACCTTAATGCAGGAAGAACATGAC
AACCAAGCAAATGTGAGGAGTCTGGTGACCTGGGGCAACTTTGCCTGGATGTATT
30 ACCACATGGGCAGACTGGCAGAAGCCCAGACTTACCTGGACAAGGTGGAGAACA
TTTGCAAGAAGCTTTCAAATCCCTTCCGCTATAGAATGGAGTGTCCAGAAATAGA
CTGTGAGGAAGGATGGGCCTTGCTGAAGTGTGGAGGAAAGAATTATGAACGGGC
CAAGGCCTGCTTTGAAAAGGTGCTTGAAGTGGACCCTGAAAACCCTGAATCCAG
CGCTGGGTATGCGATCTCTGCCTATCGCCTGGATGGCTTTAAATTAGCCACAAAA
35 AATCACAAGCCATTTTCTTTGCTTCCCCTAAGGCAGGCTGTCCGCTTAAATCCAG
ACAATGGATATATTAAGGTTCTCCTTGCCCTGAAGCTTCAGGATGAAGGACAGGA
AGCTGAAGGAGAGAAAAGTACATTGAAGAAGCTCTAGCCAACATGTCCTCACAGAC
CTATGTCTTTTCGATATGCAGCCAAGTTTACCGAAGAAAAGGCTCTGTGGATAAA
GCTCTTGAGTTATTAAGGCTTGCAGGAAACACCCACTTCTGTCTTACTGC
40 ATCACCAGATAGGGCTTTGCTACAAGGCACAAATGATCCAAATCAAGGAGGCTA
CAAAAGGGCAGCCTAGAGGGCAGAACAGAGAAAAGCTAGACAAAATGATAAGA
TCAGCCATATTTTCAATTTTGAATCTGCAGTGGAAAAAAGCCACATTTGAGGTGG
CTCATCTAGACCTGGCAAGAATGTATATAGAAGCAGGCAATCACAGAAAAGCTG
AAGAGAATTTTCAAAAATTGTTATGCATGAAACCAGTGGTAGAAGAAACAATGC
45 AAGACATACATTTCTACTATGGTCGGTTTCAGGAATTTCAAAAAGAAATCTGACGT
CAATGCAATTATCCATTATTTAAAAGCTATAAAAATAGAACAGGCATCATTAAACA
AGGGATAAAAGTATCAATTCTTTGAAGAAATTGGTTTTAAGGAACTTCGGAGA
AAGGCATTAGATCTGGAAAGCTTGAGCCTCCTTGGGTTCGTCTATAAATTGGAAG
GAAATATGAATGAAGCCCTGGAGTACTATGAGCGGGCCCTGAGACTGGCTGCTG

ACTTTGAGAACTCTGTGAGACAAGGTCCTTAGGGCACCCAGATATCAGCCACTTTC
ACATTTTCATTTTCATTTTATGCTAACATTTACTAATCATCTTTTCTGCTTACTGTTTT
CAGAAACATTATAATTCCTGTAATGATGTAATTCTTGAATAATAAATCTGACAA
AATATT

5

SEQ ID NO: 212

>1442951T6

AAGAGACATGAGACAACCACTGAGAACCAGCCACCCGGAGCTCAGTTTCTGCTA
CAGAGCACCTCCTCTTCAACGAATCACTGGATACCATTGGAGAGCAAGTCACTGT
10 TGTTGAAGCAGCAGAGCTGGAGGTGCTGTCAAGAGTCTCAGCAGACTCATTGGC
CAGATGCACCGAACTCAATGAGGCACTTAGAGATGAGAAACGATCTGTACTGGG
ATTTCCCAGCAGAAGAGACTTTGGTTTTTGTTCATCCTGAAGTTGCCACTCCACCA
CCAGTTTTTATAGAGGGATATTTCGCTTTTCACTGGTAGTTTATTCAGGTAGCTATAG
GTCTTGTCTTTTTGGATAGGGCAGTTAATTCCACTCTTACAACCATCAGGCTCAGG
15 AATGGGAAAGGGAAGTGGGACGCCCATCAGGATGCCATGCACCACGGCCTTGCT
GCTTTTAGACTGAATATTGCTGGTGAAGGTGACATTGACGCTGTAAGACTGTCCT
TTGCTCAGCTGGCAGGGTTTGGTGGGGCATGGGGCTCACATTCCTTTATA
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20 SEQ ID NO: 213

>gi|2216521|gb|AA486305.1|AA486305 ab35c01.r1 Stratagene HeLa cell s3 937216 Homo
sapiens cDNA clone IMAGE:842784 5' similar to gb:X60036 MITOCHONDRIAL
PHOSPHATE CARRIER PROTEIN PRECURSOR (HUMAN);, mRNA sequence

GTCTTAAGTTGTGGTCTGACACACACTGCTGTGGTTCCCCTGGATTTAGTGAAAT
25 GCCGTATGCAGGTGGACCCCCAAAAGTACAAGGGCATATTTAACGGATTCTCAG
TTACACTTAAAGAGGATGGTGTTCGTGGTTTGGCTAAAGGATGGGCTCCGACTTT
CCTTGGCTACTCCATGCAGGGACTCTGCAAGTTTGGCTTTTATGAAGTCTTTAAA
GTCTTGTATAGCAATATGCTTGGAGAGGAGAATACTTATCTCTGGCGCACATCAC
TATATTTGGCTGCCTCTGCCAGTGCTGAATTCTTTGCTGACATTGCCCTGGCTCCT
30 ATGGAAGCTGCTAAGGTTTCGAATTCAAACCCAGCCAGGTTATGCCAACACTTTGA
GGGATGCAGCTCCCAAATGTATAAGGAAGAAGGCCTAAAAGCATTCTACAAGG
GGGTTGCTCCTCTCTGGATGAGACAGATAACATACACCATGATGAAGTTCGCCTG
CTTTG

35 SEQ ID NO: 214

>gi|186620|gb|M59373.1|HUMJTK2 Human tyrosine kinase (JTK2) mRNA, partial cds
ACCGGGACCTGGCTGCCCCGAATGTGCTGGTGAAGTGAAGACAATGTGATGAAGA
TTGCTGACTTTGGGCTGGCCCCGCGCGTCCACCACATTGACTACTATAAGAAAAC
CAGCAACGGCCGCCTGCCTGTGAAGTGGATGGCGCCCGAGGCCTTGTTTGACCG
40 GGTGTACACACACCAGAGTGACGTGTGGTCCTTT

SEQ ID NO: 215

>gi|1527336|gb|AA047666.1|AA047666 zfl4b02.s1 Soares_fetal_heart NbHH19W Homo
sapiens cDNA clone IMAGE:376875 3' similar to gb:M64082 DIMETHYLANILINE

45 MONOOXYGENASE (HUMAN);, mRNA sequence
ATAAGTAAAAGATCTCCTAAATGGAAGATGCACAGAGTAGATTTACAATGCTCC
AATTCCTCTCTTACAGCAATATTGCCTTCACAGTTATAAACTGTATTCAAATAGTA
AAGGTCACCCTCTCGCTTCCCTGGCTGGCCCCAGGGCTACCACTGGTATTCTCTGA
GCCTCTCCAGCTCCACTTCTAATGCTAGAGAATGATAACTAAGATTTCTGTGCA

TTTGAAGGTTGTTGGAAAGTTACAGGTTTCATTTTAGAAAGAAANGCTGTTCTTGA
CAGCACTCCTGAGCCATCATACCTCTTCCCATATAAACTATTTTCACAGATCTCA
ACTAAAACCCCTTNACTTTACAAAATGGATTGTGGTTGGTGCTGGAAATGGTGC

5 SEQ ID NO: 216

>gi|2218571|gb|AA488969.1|AA488969 aa55h08.r1 NCI_CGAP_GCB1 Homo sapiens
cDNA clone IMAGE:824895 5', mRNA sequence

GACTACAACGTGGCCCTTCAGAGATCGCGGATGGTCGCACGATCCTCCGACACA
GCTGGGCCTTCATCCGTACAGCAGCCACATGGGCATCCCACCAGCAGCAGGCCT
10 GTGAACAAACCTCAGTGGCATAAACCGAACGAGTCTGACCCGCGCCTCGCCCCTT
ATCAGTCCCAAGGGTTTTCCACCGAGGAGGATGAAGATGAACAAGTTTCTGCTGT
TTGAGGCACAGACTTTTCTGGAAGCAGAGCGNGCCACCTGAAAGGAGAGCACAA
GAAGACGTCCTGAGCATTGGAGCCTTGGAACCTCACATTCTGAGGACGGTGGACC
AGTTTGCCTCCTTCCCTGCCTTAAAAGCAGCATGGGGCTTCTTCTCCCCTTCTTCC
15 TTTCCCCTTTGCATGTGAAATACTGTGAAGAAATTGCCCTGGCACTTTTCAGACTT
TGTTGCTTGAAATGCACAGTGCAGCAATCTTCGAGCT

SEQ ID NO: 217

>gi|588224|gb|I09069.1| Sequence 5 from Patent WO 8809376

20 GTCCCGAGCGCGAGCGGAGACGATGCAGCGGAGACTGGTTCAGCAGTGGAGCGT
CGCGGTGTTCTGCTGAGCTACGCGGTGCCCTCCTGCGGGCGCTCGGTGGAGGGT
CTCAGCCGCCGCTCAAAAGAGCTGTGTCTGAACATCAGCTCCTCCATGACAAGG
GGAAGTCCATCCAAGATTTACGGCGACGATTTCTTCTTCCATCTGATCGCAGA
AATCCACACAGCTGAAATCAGAGCTACCTCGGAGGTGTCCCCTAACTCCAAGCCC
25 TCTCCCAACACAAAGAACCACCCCGTCCGATTTGGGTCTGATGATGAGGGCAGAT
ACCTAACTCAGGAACTAACAAGGTGGAGACGTACAAAGAGCAGCCGCTCAAGA
CACCTGGGAAGAAAAAGAAAGGCAAGCCCGGGAAACGCAAGGAGCAGGAAAAAG
AAAAAACGGCGAACTCGCTCTGCCTGGTTAGACTCTGGAGTGAAGTGGGAGTGGG
CTAGAAGGGGACCACCTGTCTGACACCTCCACAACGTCGCTGGAGCTCGATTAC
30 GGAGGCATTGAAATTTTCAGCAGAGACCTTCCAAGGACATATTGCAGGATTCTGT
AATAGTGAACATATGGAAGTATTAGAAATATTTATTGTCTGTAAATACTGTAAA
TGCATTGGAATAAACTGTCTCCCCCATTGCTCTATGAAACTGCACATTGGTCAT
TGTGAATATTTTTTTTTTTTGCCAAGGCTAATCCAATTATTATTATCACATTTACCA
TAATTTATTTTGTCCATTGATGTATTTATTTTGTAATGTATCTTGGTGCTGCTGA
35 ATTTCTATATTTTTTGTAACATAATGCACTTTAGATATACATATCAAGTATGTTGA
TAAATGACACAATGAAGTGTCTCTATTTTGTGGTTGATTTTAATGAATGCCTAAA
TATAATTATCCAAATTGATTTTCTTTCGTGCATGTAAAAATAACAGTATTTTAAAT
TTGTAAAGAATGTCTAATAAAATATAATCTAATTAC

40 SEQ ID NO: 218

>gi|182891|gb|M63904.1|HUMGA16 Human G-alpha 16 protein mRNA, complete cds

TGTTCCCACTCAAGCCTTGCCACCGCCGAGCCGGGCTTCCTGGGTGTTTCAG
GCAAGGAAGTCTAGGTCCCTGGGGGGTGACCCCCAAGGAAAAGGCAGCCTCCCT
GCGCACCCGGTTGCCCGGAGCCCTCTCCAGGGCCGGCTGGGCTGGGGGTTGCCCT
45 GGCCAGCAGGGGCCCGGGGGCGATGCCACCCGGTGCCGACTGAGGCCACCGCAC
CATGGCCCGCTCGCTGACCTGGCGCTGCTGCCCCCTGGTGCCTGACGGAGGATGAG
AAGGCCCGCCCGGGGTGGACCAGGAGATCAACAGGATCCTCTTGGAGCAGAAG
AAGCAGGACCGCGGGGAGCTGAAGCTGCTGCTTTTGGGCCCAGGCGAGAGCGGG
AAGAGCACCTTCATCAAGCAGATGCGGATCATCCACGGCGCCGGCTACTCGGAG

GAGGAGCGCAAGGGCTTCCGGCCCCCTGGTCTACCAGAACATCTTCGTGTCCATGC
 GGGCCATGATCGAGGCCATGGAGCGGCTGCAGATTCCATTTCAGCAGGCCCGAGA
 GCAAGCACACGCTAGCCTGGTCATGAGCCAGGACCCCTATAAAGTGACCACGT
 TTGAGAAGCGCTACGCTGCGGCCATGCAGTGGCTGTGGAGGGGATGCCGGCATCC
 5 GGGCCTGCTATGAGCGTCGGCGGGAATTCCACCTGCTCGATTTCAGCCGTGTACTA
 CCTGTCCCACCTGGAGCGCATCACCGAGGAGGGCTACGTCCCCACAGCTCAGGA
 CGTGCTCCGCAGCCGCATGCCCACTTGGCATCAACGAGTACTGCTTCTCCGTG
 CAGAAAACCAACCTGCGGATCGTGGACGTCGGGGGCCAGAAGTCAGAGCGTAAG
 AAATGGATCCATTGTTTCGAGAACGTGATCGCCCTCATCTACCTGGCCTCACTGA
 10 GTGAATACGACCAGTGCCTGGAGGAGAACAACCAGGAGAACCGCATGAAGGAG
 AGCCTCGCATTGTTTGGGACTATCCTGGAACCTACCCTGGTTCAAAAGCACATCCG
 TCATCCTCTTTCTCAACAAAACCGACATCCTGGAGGAGAAAATCCCCACCTCCCA
 CCTGGCTACCTATTTCCCCAGTTTCCAGGGCCCTAAGCAGGATGCTGAGGCAGCC
 AAGAGGTTTCATCCTGGACATGTACACGAGGATGTACACCGGGTGCGTGGACGGC
 15 CCCGAGGGCAGCAAGAAGGGCGCACGATCCCGACGCCTTTTCAGCCACTACACA
 TGTGCCACAGACACACAGAACATCCGCAAGGTCTTCAAGGACGTGCGGGACTCG
 GTGCTCGCCCGCTACCTGGACGAGATCAACCTGCTGTGACCCAGGCCCCACCTGG
 GGCAGGCGGCACCGGCGGGCGGGTGGGAGGTGGGAGTGGCTGCAGGGACCCTA
 GTGTCCTGGTCTATCTCTCCAGCCTCGGCCACACGCAAGGGAGTCGGGGGACGG
 20 CCCGCTGCTGGCCGCTCTCTTCTCTGCCTCTCACCAGGACAGCCGCCCCCAGGG
 TACTCCTGCCCTTGCTTGACTCAGTTTCCCTCCTTTGAAAGGGAAGGAGCAAAAC
 GGCCATTTGGGATGCCAGGGTGGATGAAAAGGTGAAGAAATCAGGGGATTGAGA
 CTGTTGGGTGGGTGGGCATCTCTCAGGAGCCCCATCTCCGGGCGTGTCACTCCTGG
 GCAGGGTTCTGGGACCCTCTGTGGGTGACGCACACCCTGGGATGGGGCTAGTAG
 25 AGCCTTCAGGCGCCTTCGGGCGTGGACTCTGGCGCACTCTAGTGGACAGGAGAA
 GGAACGCCTTCCAGGAACCTGTGGACTAGGGGTGCAGGGACTTCCCTTTGCAAG
 GGGTAACAGACCGCTGGAAAACACTGTCACTTTCAGAGCTCGGTGGCTCACAGC
 GTGTCCTGCCCCGTTTTCGGGACGAGAGAAATCGCGGCCACAAAGCATCCCCCAT
 CCCTTGCAGGCTGGGGGCTGGGCATGCTGCATCTTAACCTTTTGTATTTATTCCCT
 30 CACCTTCTGCAGGGCTCCGTGCGGGCTGAAATTAAAGATTTCTTAG

SEQ ID NO: 219

>gi|1056573|gb|H78484.1|H78484 yu12d08.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:233583 5' similar to gb:X59770 INTERLEUKIN-1

35 RECEPTOR, TYPE II PRECURSOR (HUMAN);, mRNA sequence
 GGATGGGAGATACTGTTGTGGTCACCTCTGGAAAATACATTCTGCTACTCTTAAA
 AACTAGTGACGCTCATACAAATCAACAGAAAGAGCTTCTGAAGGAAGACTTTAA
 AGCTGCTTCTGCCACGTGCTGCTGGGTCTCAGTCCTCCACTTCCCGTGTCTCTGG
 AAGTTGTCAGGAGCAATGTTGCGCTTGTACGTGTTGGTAATGGGAGTTTCTGCCT
 40 TCACCCTTCAGCCTGCGGCACACACAGGGGCTGCCAGAAGCTGCCGGTTTTCGTGG
 GAGGCATTACAAGCGGGAGTTTCAGGCTGGAAGGGGAGCCTGTAGCCCTGAGGTG
 CCCCCAGGTGCCCTACTGGTTGTGGGGCCTCTGTTTCAGCCCCCGCATCAACCTNA
 ACATGGGCATTAAAAATTGACTCTTNTTAGGGACGGTCCCAGGGAGTAAGAAGN
 AGACACGGATGTGGGTCCCAGGGACGGTTNCG

45

SEQ ID NO: 220

>3386358H1

GCCGCGCTACCAGATTGCACCGGGGCTGATTTGGGGGCTGGGAATTTGCCATTCT
 GCTGTACAGACACTGATTTTTTTTCTTCTTTTAAAAAGCAAGATTTTAGGTGAT

GGGCAAGTCAGAAAGTCAGATGGATATAACTGATATCAACACTCCAAAGCCAAA
GAAGAAACAGCGATGGACTCCACTGGAGATCAGCCTCTCGGTCCTTGTCCTGCTC
CTCACCATCATAGCTGTGACAATGATC

5 SEQ ID NO: 221

>gi|759483|gb|R07560.1|R07560 ye97g06.r1 Soares fetal liver spleen 1NFLS Homo sapiens
cDNA clone IMAGE:125722 5' similar to SP:DEOK_HUMAN P27707 DEOXYCYTIDINE
KINASE ;, mRNA sequence

10 ATGGCCGCGGCACNCTNCTTTCTAAGTCGGCTTCGAGCACCCCTTCAGTTCCATGG
CCAAGAGCCCACTCGAGGGCGTTTCCTCCTCCAGAGGCCTGCACGCGGGGCGNGG
CCCANANGGCTTCTCCATCGAAGGCAACATTGGCCTGCACTGCCCAAAGTCTTGG
AACTTGCTGGATATGATGTACCGGGAGCCAGCACGATGGTCCTACACATTCCAG
ACATTTTCCTTTTTGAGCCGCCTGAAAGTACAGCTGGGAGCCCTTCCCTGAGGAA
15 ACTCTTTACAGGGCCAGGGAAGCCAGTTACAGATCTTTTGAGGAGGTCTGTGTAA
CAGTGGACAGGGTTCCATTTTTGAGGGTTTGGATGGAACATTTCC

SEQ ID NO: 222

>4730434H1

20 GCTGGGAGAAGCAGGAATCTGCGCTCGGGTTCCGCAGATGCAGAGGTTGAGGTG
GCTGCGGGACTGGAACATCATCGGGCAGAGGTCTCACAGCAGCCAAGGAACCTGG
GGCCCGCTCCTCCCCCTCCAGGCCATGAGGATTCTGCAGTTAATACTGCTTGCT
CTGGCAACAGGGCTTGTAGGGGGAGAGACCAGGATCATCAAGGGGTTGAGTGC
AAGCCTCACTCCCAGCCCTGGCAGGCAGCCCTGTTCGAGAAGACGC

25 SEQ ID NO: 223

>gi|815554|gb|R53652.1|R53652 yg84c05.r1 Soares infant brain 1NIB Homo sapiens cDNA
clone IMAGE:40056 5' similar to SP:PGG2_RAT Q00657 CHONDROITIN SULFATE
PROTEOGLYCAN NG2 ;, mRNA sequence

30 AGGGCGAGGTGGTCTTTGCCTTCACCAACTTCTCCTCCTCTCATGACCACTTCAGA
GTCCTGGCACTGGCTAGGGGTGTCAATGCATCAGCCGTAGTGAACGTCAGTGTGA
GGGCTCTGCTGCATGTGTGGGCAGGTGGGCCATGGCCAGNNGTGCCACCCTGCG
CCTGGACCCACCGTCCTAGATGCTGGCGAGCTGGCCAACCGCACAGGCAGTGT
GCCGCGCTTCCGCCTCCTGGAGGGACCCCGGCATGGCCCGNTGGTCCGCGTGCC
CGAGCCAGGACGGAGCCCGGGGGAAGCCAGCTGGTGGAGCAGTTCACTNAGCA
35 GGACCTTGAGGACGGGAGGCTNNGGCTGGAGGTGGGCAGGCCAGAGGGGAGGG
CCCCCGCCGNCAGGTGNACAATTCTCAATTTTNGAGCTTTTNGGGCAC

SEQ ID NO: 224

40 >gi|2051920|gb|AA398883.1|AA398883 zt64f10.s1 Soares_testis_NHT Homo sapiens cDNA
clone IMAGE:727147 3' similar to gb:S66896 SQUAMOUS CELL CARCINOMA
ANTIGEN (HUMAN);, mRNA sequence

TATGTCACTATTTTATTGATGATGTGTTTATAGAATCACAAAATTTAGAAACATA
AGAAGGATTTAGGTATCACCTAAATTCAAAGAAATGTGTGTTTCTAGGTTGCTAA
ATTCAAAGAAAAAGTATGATTTGGTTTGGTTCATTTAAAACAGGTCACAAACAGA
45 ATTATATTTCAAATTTAGAAGATACGGTATTAAGTGATTTCATCTTATTTTGGACAT
TTTTCTCAAGGAGAATTTTTCTGGAAGAAAAAGTACATTTATATGTGGGCTTAT
TAAGAGAAAGAGAGAAAGGCATGCTATTTTAATCATTAAATTCTTGATGATGAC
GATCATCATCAAGATGAGAAAGAAAAAGAAATATGAGCCAAGAGAATCTGTTGTT
GCCAGCAATCAGTTTACCAGAACATCTGCAGGTGAACATTTTCCAAATGGAGTGA

CAGACTAATTGCATCTACGGGGATGAGAATCTGCCATAGAGAGGATGCTGTGGG
CTTATTTTGCTTATGTAGATAGGAAGGGTGATACATGGA

SEQ ID NO: 225

5 >gi|2432448|gb|AA598776.1|AA598776 ae38a04.s1 Gessler Wilms tumor Homo sapiens
cDNA clone IMAGE:898062 3' similar to TR:G468032 G468032 P55CDC.; mRNA
sequence
AAAAAAAAAACATGAAGGGAGACATGACTTTATTAGAAAAATAAAAAACAAC
GAGGTGATGGGTTGGTCTTCAGCGGATCCTTGGTGGATGAGGCTGCTTTTGGCTG
10 CACTGGCCTTCTCCCGCTCCCGCCGCGCGCAGGGTCCAACCTCAAAACAGCGCCA
TAGCCTCAGGGTCTCATCTGCTGCTGCGGATGCCACTGTGGCCCCATCTGGGCTC
ATGGTCAGACTCAGGACCCGGGATGTGTGACCTTTGAGTTCAGCCACCTTGGCCA
TGGTTGGGTACTTCCAAATAACTAGCTGATTCTGTGCAAAGCCATGGCCTGAGAT
GAGCTCCTTGTAAGGGGGAGACCAGAGGATGGAGCACACCTGGGAATGGGCATC
15 CACGGCACTCAGACAGGCCCCAGAGCAAAAATTCCAGATGCGAATGTGTCTGATC
ACTGGTGCACCCTCCTGTGGCAAGGACATTTGA

SEQ ID NO: 226

20 >gi|2102846|gb|AA423867.1|AA423867 zv79f01.s1 Soares_total_fetus_Nb2HF8_9w Homo
sapiens cDNA clone IMAGE:759865 3', mRNA sequence
TTTTCATTTTTTTGAGTAATTTATTTAAATTTGTGAATCTAGAAAATGTGTGTTATA
TATTTATATACAGGGAATAACAAAAGTTAAGTGTTTAATTGGAAAGAAAACCTGT
GACTGATAATATGTTGTAATTACCATTTTATAATATTACTTTCCATTGCAATGACT
TAAAATGAAGAAATAAGAATAGGAATAATTATGCTAACAAATTCACCTTGTTTTC
25 TGTGCCACTAAATTTCTTTAGGATCAAGAACTCTTTCATATTCAGACATTAAACA
ATATTCAAATAAATTTATAAAAATAGACATACAAGTTTACTCATATTAAAAAAACA
AGTTGATTTTCATTTCTCTGTA

SEQ ID NO: 227

30 >gi|3087789|emb|Y14734.1|HSY14734 Homo sapiens mRNA for cathepsin L2
CGGCTGTAATCTCAGAGGCTTGTTTGCTGAGGGTGCCTGCGCACGTGCGACGGCT
GCTGGTTTTGAAACATGAATCTTTCGCTCGTCCTGGCTGCCTTTTGCTTGGGAATA
GCCTCCGCTGTTCCAAAATTTGACCAAAAATTTGGATACAAAGTGGTACCAGTGGA
AGGCAACACACAGAAGATTATATGGCGCGAATGAAGAAGGATGGAGGAGAGCA
35 GTGTGGGAAAAGAATATGAAAATGATTGAACTGCACAATGGGGAATACAGCCAA
GGGAAACATGGCTTCACAATGGCCATGAATGCTTTTCCTGACATGACCAATGAAG
AATTCAGGCAGATGATGGGTTGCTTTCGAAACCAGAAATTCAGGAAGGGGAAAG
TGTTCCGTGAGCCTCTGTTTCTTGATCTTCCCAAATCTGTGGATTGGAGAAAGAA
AGGCTACGTGACGCCAGTGAAGAATCAGAAACAGTGTGGTTCTTGTGTTGGGCTTTT
40 AGTGCGACTGGTGCTCTTGAAGGACAGATGTTCCGGAAAACCTGGGAAACTTGTCT
CACTGAGCGAGCAGAATCTGGTGGACTGTTTCGCGTCCTCAAGGCAATCAGGGCT
GCAATGGTGGCTTCATGGCTAGGGCCTTCCAGTATGTCAAGGAGAACGGAGGCC
TGGACTCTGAGGAATCCTATCCATATGTAGCAGTGGATGAAATCTGTAAGTACAG
ACCTGAGAATTCTGTTGCTAATGACACTGGCTTCACAGTGGTTCGCACCTGGAAAG
45 GAGAAGGCCCTGATGAAAGCAGTCGCAACTGTGGGGCCCATCTCCGTTGCTATG
GATGCAGGCCATTCGTCCTTCCAGTTCTACAAATCAGGCATTTATTTTGAACCAG
ACTGCAGCAGCAAAAACCTGGATCATGGTGTCTGGTGGTTGGCTACGGCTTTGA
AGGAGCAAATTCGAATAACAGCAAGTATTGGCTCGTCAAAAACAGCTGGGGTCC
AGAATGGGGCTCGAATGGCTATGTAAAAATAGCCAAAGACAAGAACAACCACTG

TGGAATCGCCACAGCAGCCAGCTACCCCAATGTGTGAGCTGATGGATGGTGAGG
AGGAAGGACTTAAGGACAGCATGTCTGGGGAAATTTTATCTTGAAACTGACCAA
ACGCTTATTGTGTAAGATAAACCAGTTGAATCATTGAGGATCCAAGTTGAGATTT
TAATTCTGTGACATTTTTACAAGGGTAAAATGTTACCACTACTTTAATTATTGTTA
5 TACACAGCTTTATGATATCAAAGACTCATTGCTTAATTCTAAGACTTTTGAATTT
CATTTTTTAAAAAGATGTACAAAACAGTTT

SEQ ID NO: 228

>gi|967948|gb|R93782.1|R93782 yq35f04.r1 Soares fetal liver spleen 1NFLS Homo sapiens
cDNA clone IMAGE:197791 5', mRNA sequence

10 TGGATTTGGATGCTGCAAAAACGAGACTAAAAAAGGCAAAAGCTGCAGAAACTA
GAAATTCATCTGAACAGGAATTAAGAATAACTCAAAGTGAATTTGATCGTCAAG
CAGAGATTACCAGACTTCTGCTAGAGGGAATCAGCAGTACACATGCCCATCACCT
TCGCTGTCTGAATGACTTTGTAGAAGCCCAGATGACTTACTATGCACAGTGTTAC
15 CAGTATATGTTGGACCTCCAGAAACAACCTGGGAAGTTTTCCATCCAATTATCTTA
GTAACAACAATCAGACTTCTGTGACACCTGTACCATCAGTTTTACCAAATGCGAT
TGGTTCTTCTGCCATGGCTTTCAACAAGTGGCCTAGTAATCACCTCTCCTTCCAAC
CTCAGTGACCTTAAGGGAGTGTAAGTGGGCAGCAGGAAAGGGCCGGGGTTCTCTT
ATGGATTTATGGATGGCAGCAAACAGTACTGGAATTATTCAGTTCTGGGCAGTTG
20 AGGGTGATCANTGTGTTCAAGTGTGTTGGGATGGGATTCAGNTTGGCTAATTGGG
GGNAAGGGGGGAACCNNGGAGGGCAAGGTGCCATTA

SEQ ID NO: 229

>2723646H1

25 GTTCCGCAGATGCAGAGGTTGAGGTGGCTGCGGGACTGGAAGTCATCGGGCAGA
GGTCTCACAGCAGCCAAGGAACCTGGGGCCCGCTCCTCCCCCTCCAGGCCATGA
GGATTCTGCAGTTAATCCTGCTTGCTCTGGCAACAGGGCTTGTAGGGGGAGAGAC
CAGGATCATCAAGGGGTTCGAGTGCAAGCCTCACTCCCAGCCCTGGCAGGCAGC
CCTGTTCGAGAAGACGCGGCTACTCTGT

SEQ ID NO: 230

>gi|1335871|gb|U46005.1|HSU46005 Human MDC15 mRNA, complete cds

35 ATGCGGCTGGCGCTGCTCTGGGCCCTGGGGCTCCTGGGCGCGGGCAGCCCTCTGC
CTTCTGGCCGCTCCCAAATATAGGTGGCACTGAGGAGCAGCAGGCAGAGTCAG
AGAAGGCCCCGAGGGAGCCCTTGGAGCCCCAGGTCCTTCAGGACGATCTCCCAA
TTAGCCTCAAAAAGGTGCTTCAGACCAGTCTGCCTGAGCCCCTGAGGATCAAGTT
GGAGCTGGACGGTGACAGTCATATCCTGGAGCTGCTACAGAATAGGGAGTTGGT
CCCAGGCCGCCCCAACCCCTGGTGTGGTACCAGCCCGATGGCACTCGGGTGGTCAGT
GAGGGACACACTTTGGGAGAACTGCTGCTACCAGGGAAGAGTGCGGGGATATGCA
40 GGCTCCTGGGTGTCCATCTGCACCTGCTCTGGGCTCAGAGGCTTGGTGGTCCTGA
CCCCAGAGAGAAGCTATACCCTGGAGCAGGGGCCTGGGGACCTTCAGGGTCCTC
CCATTATTTGCGGAATCCAAGATCTCCACCTGCCAGGCCACACCTGTGCCCTGAG
CTGGCGGGAATCTGTACACACTCAGACGCCACCAGAGCACCCCCCTGGGACAGCG
CCACATTCGCCGGAGGCGGGATGTGGTAACAGAGACCAAGACTGTGGAGTTGGT
45 GATTGTGGCTGATCACTCGGAGGCCAGAAATACCGGGACTTCCAGCACCTGCTA
AACCGCACACTGGAAGTGGCCCTCTTGCTGGACACATTCTTCCGGCCCCCTGAATG
TACGAGTGGCACTAGTGGGCCTGGAGGCCTGGACCCAGCGTGACCTGGTGGAGA
TCAGCCCAAACCCAGCTGTCACCCTCGAAAACCTTCTCCACTGGCGCAGGGGCACA
TTTGCTGCCTCGATTGCCCCATGACAGTGCCCAGCTGGTGACTGGTACTTCATTCT

CTGGGCCTACGGTGGGCATGGCCATTCAGAACTCCATCTGTTCTCCTGACTTCTC
 AGGAGGTGTGAACATGGACCACTCCACCAGCATCCTGGGAGTCGCCTCCTCCATA
 GCCCATGAGTTGGGCCACAGCCTGGGCCTGGACCATGATTTGCCTGGGAATAGCT
 GCCCCTGTCCAGGTCCAGCCCCAGCCAAGACCTGCATCATGGAGGCCTCCACAG
 5 ACTTCCTACCAGGCCTGAACTTCAGCAACTGCAGCCGACGGGGCCCTGGAGAAAG
 CCCTCCTGGATGGAATGGGCAGCTGCCTCTTCGAACGGCTGCCTAGCCTACCCCC
 TATGGCTGCTTTCTGCGGAAATATGTTTGTGGAGCCGGGCGAGCAGTGTGACTGT
 GGCTTCCTGGATGACTGCGTCGATCCCTGCTGTGATTCTTTGACCTGCCAGCTGA
 GGCCAGGTGCACAGTGTGCATCTGACGGACCCTGTTGTCAA AATTGCCAGCTGCG
 10 CCCGTCTGGCTGGCAGTGTGCTCCTACCAGAGGGGATTGTGACTTGCCTGAATTC
 TGCCCAGGAGACAGCTCCCAGTGTCCCCCTGATGTCAGCCTAGGGGATGGCGAG
 CCCTGCGCTGGCGGGCAAGCTGTGTGCATGCACGGGCGTTGTGCCTCCTATGCC
 AGCAGTGCCAGTCACTTTGGGGACCTGGAGCCCAGCCCGCTGCGCCACTTTGCCT
 CCAGACCGCTAATACTCGGGGAAATGCTTTTGGGAGCTGTGGGCGCAACCCCAG
 15 TGGCAGTTATGTGTCCTGCACCCCTAGAGATGCCATTTGTGGGCAGCTCCAGTGC
 CAGACAGGTAGGACCCAGCCTCTGCTGGGCTCCATCCGGGATCTACTCTGGGAG
 ACAATAGATGTGAATGGGACTGAGCTGAACTGCAGCTGGGTGCACCTGGACCTG
 GGCAGTGATGTGGCCCAGCCCCCTCCTGACTCTGCCTGGCACAGCCTGTGGCCCTG
 GCCTGGTGTGTATAGACCATCGATGCCAGCGTGTGGATCTCCTGGGGGCACAGG
 20 AATGTGCAAGCAAATGCCATGGACATGGGGTCTGTGACAGCAACAGGCACTGCT
 ACTGTGAGGAGGGCTGGGCACCCCTGACTGCACCACTCAGCTCAAAGCAACCA
 GCTCCCTGACCACAGGGCTGCTCCTCAGCCTCCTGGTCTTATTGGTCCTGGTGATG
 CTTGGTGCACAGCTACTGGTACCGTGCCCGCCTGVACCAGCGACTCTGCCAGCTCA
 AGGGACCCACCTGCCAGTACAGGGCAGCCCAATCTGGTCCCTCTGAACGGCCAG
 25 GACCTCCGCAGAGGGCCCTGCTGGCACGAGGCACTAAGTCTCAGGGGCCAGCCA
 AGCCCCACCCCCAAGGAAGCCACTGCCTGCCGACCCCCAGGGCCGGTGCCCAT
 CGGGTGACCTGCCCGGGCCAGGGCCTGGAATCCCGCCCCTAGTGGTACCCTCCAG
 ACCAGCGCCACCGCCTCCGACAGTGTCTCGCTCTACCTCTGACCTCTCCGGAGG
 TTCCGCTGCCTCCAAGCCGGACTTAGGGCTTCAAGAGGCGGGCGTGCCCTCTGGA
 30 GTCCCCTACCATGACTGAAGGCGCCAGAGACTGGCGGTGTCTTAAGACTCCGGG
 CACCGCCACGCGCTGTCAAGCAACACTCTGCGGACCTGCCGGCGTAGTTGCAGC
 GGGGGCTTGGGGAGGGGCTGGGGGTTGGACGGGATTGAGGAAGGTCCGCACAG
 CCTGTCTCTGCTCAGTTGCAATAAACGTGACATCTTGGGAGCGTTAA

35 SEQ ID NO: 231

>gi|2207808|gb|AA479252.1|AA479252 zv17f03.r1 Soares_NhHMPu_S1 Homo sapiens
cDNA clone IMAGE:753917 5', mRNA sequence

AAGAAGTCCAGTGTGTCCAGTTAAAACAGAAATAAATTA AACTCTTCATCAACA
 AAGACCTGTTTTTGTGACTGCCTTGAGTTTTATCAGAATTATTGGCCTAGTAATCC
 40 TTCAGAAACACCGTAATTCTAAATAAACCTCTTCCCATACACCTTTCCCCCATAA
 GATGTGTCTTCAACACTATAAAGCATTTGTATTGTGATTTGATTAAGTATATATTT
 GGTTGTTCTCAATGAAGAGCAAATTTAAATATTATGTGCATTTGTAAATACAGTA
 GCTATAAAATTTTCCATACTTCTAATGGCAGAATACAGGAGGCCATATTAAATAA
 TACTGATGAAAGGCAGGACACTGCATTGTAAATAGGATTTTCTAGGCTCGGTAGG
 45 CAGAAAGAATTATTTTTCTTTGAA

SEQ ID NO: 232

>gi|681270|gb|T70122.1|T70122 yc17c10.r1 Stratagene lung (#937210) Homo sapiens cDNA
clone IMAGE:80946 5' similar to SP:MALK_ECOLI P02914

MALTOSE/MALTODEXTRIN TRANSPORT ATP-BINDING PROTEIN ;, mRNA
sequence

NTTATACTCACCCACAANTTTGTGACCCGANTGTAATGAAAGCCTCTGCAAATTG
AAAACATCATTGATCAAGAGGTGCAGACATTATCTGGTGGTGAACCTACAGCGAG
5 TAGCTTTAGCCCTTTGCTTGGGCAAACCTGCTGATGTCTATTTAATTGATGAACCA
TCTGCATATTTGGATTCTGAGCAAAGACTGATGGCAGCTCGAGTTGTCAAACGTT
TCATACTCCATGCAAAAAAGACAGCCTTTGTTGTGGAACATGACTTCATCATGGC
CACCTATCTAGCGGATCGGTNCATCGTTTTTGTGATGGTGTTCATCTAAGGAACAC
AGTTGCAAACAGTCCTCAAACCCCTTTTGGGCTGGGCTTGAATAAATTTTGTGCTT
10 CAGCTTGGAATTTACATTTCAAGGAGNGTTCCAAACCAACTATTGGGCCACGGA
TTAAACAAACTTATTTCAATTTAGGGTGTAGGNC

SEQ ID NO: 233

>3447387H2

15 TAATGTTTATGCAAAGTATTGATTCTGTTGTTGAATTTTGTAAACGAAAAAACCCA
TAAATCAAGAAGCTCCAAGCCTACAAAACATAAAGTGCAATTTTAGAAGTACAT
GGGAGGTGATTAGCAATTCTGAGGATTTTAAAAACACCATACCCATGGTGACAC
CACCTCCTCCACCTGTCTTCTCATTGCTGAAGATCAGTCAAAGAATTGTGTGCTTA
GTTCTTGATAAGTCTGGAAGCATGGGGGGTAAGGACCGCCTAAATCGAATGAAT
20 CAAGCA

SEQ ID NO: 234

>2863932H1

GGGGGCTGGGAATTTGCCATTCTGCTGTACAGACACTGATTTTTTTTCTTCTTTT
25 TAAAAAGCAAGATTTTAGGTGATGGGCAAGTCAGAAAGTCAGATGGATATAACT
GATATCAACACTCCAAAGCCAAAGAAGAAACAGCGATGGACTCCACTGGAGATC
AGCCTCTCGGTCCTTGTCCTGCTCCTCACCATCATAGCTGTGACAATGATCGCACT
CTATGCAACCTACGATGATGGTAATTGCAAGTCATCAGACTGCATAA

30 SEQ ID NO: 235

>5208013H1

GAAACGGATGACCAGGGCAAATACATGACCCTAGTTTTGTCCCGGATCGACCTA
GTGTTCAATTGTTCTGTTCACTGGAGAATTTGTGCTGAAGCTCGTCTCCCTCAGACA
CTACTACTTCACTATAGGCTGGAACATCTTTGACTTTGTGGTGGGGATTCTCTCCA
35 TTGTAGGTATGTTTCTGGCTGAGATGATAGAAAAGTATTTTGTGTCCCCTACCTTG
GTCCGAGTGATCCGTCTTGCCA

SEQ ID NO: 236

>873192H1

40 CAGCGATGTCTNCACCACCGGTGCTGCAACCCCTGCTGNTGNTGNTGNCTCTGCT
GAATGTGGAGCCTTNCGGGGCCAAAATGATCCGCATCCCTNTTCATCGAGTCCAA
NCTGGANGCAGGATCCTGAANCTACTGAGGGGATGGAGAGAACCAGCAGAGCTC
CCCAAGTTGGGGGCCC

45 SEQ ID NO: 237

>gi|928147|gb|R83270.1|R83270 yp85c04.s1 Soares fetal liver spleen 1NFLS Homo sapiens
cDNA clone IMAGE:194214 3', mRNA sequence

NNNNNAGGGAAAAAAATGGAAAATTTATTAATTAGACAGTATGTGGGCATCCT
GTNCCACATGGGAATGAGAAGATGCTATAGGTNCTCTAAGTATTGCACAGTCTG

AAAAAATAACAAAAAAAGGGAAGGGGAGGAAAAAAATCACATGATATTGGG
ANCCATCTCACATTATGANTANTCTACCAAGAAACATTTAAAAAAGAAANCCCTT
TGTTTCTACAGTAGGCTTTAAGTTTATAGTTCTTGGGANTGACTGTATTCCATTGA
AGGACATCTCAGGTAACAGGGAAGGCTGTTTTAGGCAATCCCCATGTGGCAAAT
5 ATTAATAAAANATATATANTTTTTTGCCAATTCATCTCTNGCCTTCACCCCGGGCA
ATCATGACATTTNCGAG

SEQ ID NO: 238

>gi|307424|gb|L12060.1|HUMRARG7A Homo sapiens retinoic acid receptor (gamma-7)
mRNA

10 CGGCAGAGTCAGTGTGCGGTTTGGGAGAAAATGTGTTCGGATATTTTGGGGCGGT
CACGTGGGCGGGCGGGCTCCGAGAGGCCCGGGACAGTCCCAGCCTAGAGCCGT
GCCCCCCCAGGAGCCCCCAGTACGGCGAGCCCCGGACATTGCGACGCTCCATC
CAAGAGACTGCCCGACGCCGGGACCTCGGGGCTCCGCCGCTCCCTTCCCCCTCC
15 CACTCCAGCAGCTACGGCCCAGTTCCTCAACCTGACCCAGTATGTAGAAGCCAG
TCTCTGCAGGCGGCCAGCGGCGGTGGAGACACAGAGCACCAGCTCAGAGGAGAT
GGTGCCAAGCTCGCCCTCGCCCCCTCCGCCCTCTCGGGTCTACAAGCCATGCTTC
GTGTGCAATGACAAGTCCTCTGGCTACCACTATGGGGTCAGCTCTTGTGAAGGCT
GCAAGGGCTTCTTTCGCCGAAGCATCCAGAAGAACATGGTGTACACGTGTCACC
20 GCGACAAAAACTGTATCATCAACAAGGTGACCAGGAATCGCTGCCAGTACTGCC
GGCTACAGAAGTGCTTCGAAGTGGGCATGTCCAAGGAAGCTGTGCGAAATGACC
GGAACAAGAAGAAGAAAGAGGTGAAGGAAGAAGGGTCACTGACAGCTATGAG
CTGAGCCCTCAGTTAGAAGAGCTCATCACCAAGGTCAGCAAAGCCCATCAGGAG
ACTTTCCCCTCGCTCTGCCAGCTGGGCAAGTATACCACGAAGTCCAGTGCAGACC
25 ACCGCGTGCAGCTGGATCTGGGGCTGTGGGACAAGTTCAAGTGCAGCTGGCTACCA
AGTGCATCATCAAGATCGTGGAGTTTGCCAAGCGGTTGCCTGGCTTTACAGGGCT
CAGCATTGCTGACCAGATCACTCTGCTCAAAGCTGCCTGCCTAGATATCCTGATG
CTGCGTATCTGCACAAGGTACACCCCAGAGCAGGACACCATGACCTTCTCCGACG
GGCTGACCCTGAACCGGACCCAGATGCACAATGCCGGCTTCGGGCCCCCTCACAG
30 ACCTTGTCTTTGCCTTTGCTGGGCAGCTCCTGCCCTGGAGATGGATGACACCGA
GACAGGGCTGCTCAGCGCCATCTGCCTCATCTGCGGAGACCGCATGGACCTGGA
GGAGCCCCGAAAAAGTGGACAAGCTGCAGGAGCCACTGCTGGAAGCCCTGAGGCT
GTACGCCCCGGCGCCGGCGGCCAGCCAGCCCTACATGTTCCCAAGGATGCTAAT
GAAAATCACCGACCTCCGGGGCATCAGCACTAAGGGAGCTGAAAGGGGCCATTAC
35 TCTGAAGATGGAGATTCCAGGCCCGATGCCTCCCTTAATCCGAGAGATGCTGGAG
AACCCTGAAATGTTTGAGGATGACTCCTCGCAGCCTGGTCCCCACCCAATGCCT
CTAGCGAGGATGAGGTTCTTGGGGGCCAGGGCAAAGGGGGCCTGAAGTCCCCAG
CCTGACCAGGGCCCCCTGACCTCCCCGCTGTGGGGGTTGGGGCTTCAGGCAGCAG
ACTGACCATCTCCAGACCGCCAGTGACTGGGGGAGGACCTGCTCTGCCCTCTCC
40 CCAACCCCTTCCAATGAGCG

SEQ ID NO: 239

>1909132F6

CGCCATCCCATCTCCAAAATCCTCAGTCCTGTGATGACCTTTCCTACTTTATAGG
45 CCTAAGCATGCTGAGCGCCATCAGCACCGAGCGCTGCCTGTCCATCCTGTGGCCC
ATCTGGTACCACTGCCGCCGCCAGATACCTGTCATCGGTCATGTGTGTCCTGC
TCTGGGCCCTGTCCCTGCTGCGGAGTATCCTGGAGTGGATGTTCTGTGACTTCCTG
TTTAGTGGTGTGATTCTGTTTGGTGTGAAACGTCAGATTTTATTACAATCGCGTG
GCTGGTTTTTTTATGTGTGGTTCTCTGTGGGTCCAGCCTGGTCCCTACTGGTCAGGA

TTCTCTGTGGATCCCGGAAGATGCCGCTGACCAGGCTGTACGTGACCATCCTCCT
CACAGTGCTGGTCTTCCTCCTCTGTGGCCTGCCCTTTGGCATTCACTGGGCCCTGT
TTTCCAGGATCCACCTGGATTGGAAAGTCTTATTTTGTTCATGTGCATCTAGTTTCC
ATTTTCCTGTCCGCTCTTAACAGCAGTGCCAACCCCATCATTTACTTCTTCGTGGG
5 CTCCTTTAGGCAGCGTCAAAATAGGCAGAACCTGAAGCTGGTTCTCCAGAGGGCT
CTGCAGGACACGCCTGAGGTGGATGAAGGTGGAGGGTGGCTTCCTCAGGAAACC
CTGGAGCTGTCGGGAAGCAGATTGGAGCAGTGAGGAAGAACCTCTGCCCTGTCA
GACAGGACTTTGAGAGCAATGCTGCCCTGNACCTTGACAATTATATGC

10 SEQ ID NO: 240

>gi|1940577|gb|AA292583.1|AA292583 zt31e07.r1 Soares ovary tumor NbHOT Homo
sapiens cDNA clone IMAGE:723972 5' similar to TR:G562077 G562077 TATA-BINDING
PROTEIN ASSOCIATED FACTOR 30 KDA SUBUNIT. [1] ;, mRNA sequence
GCTGGAGCAGCTGCTGGGGGACGGGACCGTTGGCGGCGCGGGCCAGGGGAGCC
15 AGCTGAGCGGCGTGGGGCGGCTCCGGTGTCTGGCGGGTGGCGCGGCGCCCCCGGA
GGCANTGATCATAACGGGGTTTACGTACTGCCGAGCGCGGCCAACGGAGACGTG
AAGCCCGTGGTGTCCAGCACGCCTTTGGTGGACTTCTTGATGCAGCTGGAAGATT
ACACGCCTACGATCCCAGATGCAGTGACTGGTTACTACCTGAACCGTGCTGGCTT
TGAGGCCTCAGACCCACGCATAATTCGGCTCATCTCCTTAGCTGCCCAGAAATTC
20 ATCTCAGATATTGCCAATGATGCCCTACAGCACTGCAAAATGGAAGGGCA

SEQ ID NO: 241

>2581223T6
CCCACCAGGACCAAGGCCTTGAGAGCAGATTGGACCTATTGATTATGTGTATATA
25 AAAAACAAGACATCTTTTAAAGCAAAGCTGGGCAAATTCTCTATGGAAAGGGCG
CCACTGGCACTTGATTTTGAAGTTTCCAAAGTGCAGCAATGTGTTCCAGAACAGCT
CAAATCCTAAAAGGTGAAGTTCAAGTTCTTTGGTGGCCCAGTTGTCAAGCCACTT
AAATAGCAAATCCTGATGGCTTGAGGATTTCAATTTCTCCAGCCCAGAGCATATTA
GCATAAGAAGAGTACAAGTAATCAAGCATTCTACACGGTGTCCAGGTGAAAACC
30 ATACAATCAGCAATAGTGTGGTCAAGTTTCAGCCATGAATATGAAGTATACAAG
ACATATTTAAAAGATAACTCAAAGTTGAATTGCATTACAGTAACTCAATGGGGTCT
TTAAATTTTCTTAATCTTTAAGAAAATTTATAAAGGGCNAACNATAATAAAAATA
GTAATAATATTTGTTTTTAAAAGTAGGNGTGAATGTTAAGAGNCATAAAGACTGC
TTATAG

35 SEQ ID NO: 242
>gi|728269|gb|T94781.1|T94781 ye33c06.s1 Stratagene lung (#937210) Homo sapiens cDNA
clone IMAGE:119530 3', mRNA sequence

ACAATTTGAATTATGAGAGTTCACTTTCAGACGAAGCACCTAACAGGAAATCTCT
40 CAAACACAGAAATGCTGGTTTAGCCACAAGATCAAAGGAAAAGATTGATTTTGT
ATGTCCGTGCAGTTTTTGAAGTGCCTCTACACATTTTCGTTTTACAGCAATCTT
TGTGTTTGAAGGGAGTTCTGATGTGGAAACAGCTTGACAGGGTTAAACCTGGATGG
CGCCCCGTGTGATCAGACATTGCTCTGTTGTAATAAAAGTGTCTCAGTNCTCTTTC
CCNCTGATCCTCCTGCCTGTACTTCTCCTCGAGTTGCTGTTTCTCAGAATCTGCAC
45 AGTAAAATGTGCCAATCTGGGGCTTTNCCGAANCCGGTTCAAACCTGACTGAAATC

SEQ ID NO: 243

>gi|1220042|gb|N67917.1|N67917 yz52h03.s1 Morton Fetal Cochlea Homo sapiens cDNA clone IMAGE:286709 3' similar to gb:V01512_rna5 P55-C-FOS PROTO-ONCOGENE PROTEIN (HUMAN);, mRNA sequence

5 TTTTTTTCGCATTCAACTTAAATGCTTTTATTGACAATGTCTTGGAACAATAAGCA
AACAAATGCTTAAATTTTTCATTCAAATTCACCTTCCACATGTCAAAAGACCTCAA
GGTAGAAAAAATAAAATAAAATATAAATATCTGAGAATCCATCTTAATAAAT
AAATTAAAAACACAATAAAACGTTTTCATGGAAAACCTGTTAATGTCAGAACATTC
10 AGACCACCTCAACAATGCATGATCAGTAACATTACAATGAACATTGATGTTGAA
GAAAAACTACAGTACATGGATATAGCTATTTATTTCTATCTACCAGAAAATAAAG
TCGTATCTTTTCTTAGTATAAATATTGGGTCATTTCTAATCAGAACACACTATTGCC
AGGAACACAGTAGTTATTGTTAAATCAGCCGCACTAGATAACCATTGGAATAT
CCAGCACCAGGTTAATTCCCATAATGNACCCCATAGG

15 SEQ ID NO: 244

>gi|187354|gb|M69226.1|HUMMAOAAA Human monoamine oxidase (MAOA) mRNA, complete cds

GAATTCCTGACACGCTCCTGGGTCGTAGGCACAGGAGTGGGGGCCAAAGCATGG
AGAATCAAGAGAAGGCGAGTATCGCGGGCCACATGTTGACGCTAGTCGTGATCG
20 GAGGTGGCATTTCAGGACTATCTGCTGCCAACTCTTGACTGAATATGGCGTTAG
TGTTTTGGTTTTAGAAGCTCGGGACAGGGTTGGAGGAAGAACATATACTATAAG
GAATGAGCATGTTGATTACGTAGATGTTGGTGGAGCTTATGTGGGACCAACCCAA
AACAGAATCTTACGCTTGTCTAAGGAGCTGGGCATAGAGACTTACAAAGTGAAT
GTCAGTGAGCGTCTCGTTCAATATGTCAAGGGGAAAACATATCCATTTCGGGGCG
25 CCTTCCACCAGTATGGAATCCCATTGCATATTTGGATTACAATAATCTGTGGAG
GACAATAGATAACATGGGGAAGGAGATTCCAACCTGATGCACCCTGGGAGGCTCA
ACATGCTGACAAATGGGACAAAATGACCATGAAAGAGCTCATTGACAAAATCTG
CTGGACAAAGACTGCTAGGCGGTTTGCTTATCTTTTTGTGAATATCAATGTGACC
TCTGAGCCTCACGAAGTGTCTGCCCTGTGGTTCTTGTGGTATGTGAAGCAGTGCG
30 GGGGCACCACTCGGATATTCTCTGTCAACCAATGGTGGCCAGGAACGGAAGTTTGT
AGGTGGATCTGGTCAAGTGAGCGAACGGATAATGGACCTCCTCGGAGACCAAGT
GAAGCTGAACCATCCTGTCACTCACGTTGACCAGTCAAGTGACAACATCATCATA
GAGACGCTGAACCATGAACATTATGAGTGCAAATACGTAATTAATGCGATCCCTC
CGACCTTGACTGCCAAGATTCACTTCAGACCAGAGCTTCCAGCAGAGAGAAACC
35 AGTTAATTCAGCGTCTTCCAATGGGAGCTGTCATTAAGTGCATGATGTATTACAA
GGAGGCCTTCTGGAAGAAGAAGGATTACTGTGGCTGCATGATCATTGAAGATGA
AGATGCTCCAATTTCAATAACCTTGGATGACACCAAGCCAGATGGGTCACTGCCT
GCCATCATGGGCTTCATTCTTGCCCGGAAAGCTGATCGACTTGCTAAGCTACATA
AGGAAATAAGGAAGAAGAAAATCTGTGAGCTCTATGCCAAAGTGCTGGGATCCC
40 AAGAAGCTTTACATCCAGTGCATTATGAAGAGAAGAACTGGTGTGAGGAGCAGT
ACTCTGGGGGCTGCTACACGGCCTACTTCCCTCCTGGGATCATGACTCAATATGG
AAGGGTGATTTCGTCAACCCGTGGGCAGGATTTTCTTTGCGGGCACAGAGACTGCC
ACAAAGTGGAGCGGCTACATGGAAGGGGCAGTTGAGGCTGGAGAACGAGCAGC
TAGGGAGGTCTTAAATGGTCTCGGGAAGGTGACCGAGAAAGACATCTGGGTACA
45 AGAACCTGAATCAAAGGACGTTCCAGCGGTAGAAATCACCCACACCTTCTGGGA
AAGGAACCTGCCCTCTGTTTCTGGCCTGCTGAAGATCATTGGATTTTCCACATCA
GTAAGTGCCTGGGGTTTGTGCTGTACAAATACAAGCTCCTGCCACGGTCTTGAA
GTTCTGTTCTTATGCTCTCTGCTCACTGGTTTTCAATACCACCAAGAGGAAAATAT
TGACAAGTTTAAAGGCTGTGTCATTGGGCCATGTTTAAGTGTACTGGATTTAAC

ACCTTTGGCTTAATTCCAATCATTGTTAAAGTAAAAACAATTCAAAGAATCACCT
AATTAATTTTCAGTAAGATCAAGCTCCATCTTATTTGTCAGTGTAGATCAACTCAT
GTTAATTGATAGAATAAAGCCTTGTGATCACTTTCTGAAATTCACAAAGTTAAAC
GTGATGTGCTCATCAGAAAC

5

SEQ ID NO: 245

>gi|1472327|gb|AA011215.1|AA011215 ze23f02.s1 Soares_fetal_heart NbHH19W Homo sapiens cDNA clone IMAGE:359835 3' similar to gb:M77693 DIAMINE

ACETYLTRANSFERASE (HUMAN);, mRNA sequence

10 TCCTCAGTAGTTTGAACACTTGCTGGCTATTTTTTCTGTCCAAGTTCTCAGTAACT
TCGGCCTGTGTAGTCAGTGGTTCTACACAGCCGACACTACTTCTTACATAACACT
TGGTCTCTCTGGCTTCTGGAAAGGGCGAGGGGTTACCTTCCGGAGTCCAGTGCTC
TTTCGGCACTTCTGCAACCAGGCAGTGGTAAAAGGGGTGCTCTCCAAAACCATCT
15 TCTAGCAGATCTTTTTTCAGTTAAGATTACTTGTTCTTCCATGTATTCATATTTAAG
CCAGCTCCTTGATCAGCCGACAGTATGTCAGTGCAGTCGGCGGCAGTGGCTGGGCG
GATCACCGAATTTAGCCATTTTCGGTCTTTTTTGCTTTTTTCTTCCCTTTGCGGGACC
AGGGCCCCCTGGTACTTGAACAGTAGGAGGAAGGTGGGTTCNCAATCGGTCTC
CCGGGGGANGCGGTN

20 SEQ ID NO: 246

>1693028H1

[illegible]

SEQ ID NO: 247

>2519384H1

30 GGCAGCCTCGCCAGCGGGGGGCCCGGGCCTGGCCATGCCTCACTGAGCCAGCGC
CTGCGCCTCTACCTCGCCGACAGCTGGAACCAGTGCGACCTAGTGGCTCTCACCT
GCTTCCTCCTGGGCGTGGGCTGCCGGCTGACCCCGGGTTTGTACCACTGGGCCG
CACTGTCCTCTGCATCGACTTCATGGTTTTACGGTGCGGCTGCTTCACATCTTCA
CGGTCAA

35 SEO ID NO: 248

>gi|787364|gb|R31521.1|R31521 yh72b04.s1 Soares placenta Nb2HP Homo sapiens cDNA
clone IMAGE:135247 3', mRNA sequence

40 TTGGAGAATCAAATGGAAACACAGGGGGGAAAGATATAGAGCTTCCGTCCACCAT
CTATGAAGCCCTCCACCTGCCTGACATCAAGTTTTTTCCTAATGTGTATGCATTGC
TGAAGGTCCTGTGTATTCTTCCTGTGATGAAGGTTGAGAATGAGCGGTATGAAAA
TGGGACGAAAGCGTCTTTAAAGCATATTTGAGGGGAACACTTTGACAGACCCAAA
GGTCAAGTACTTTGGCTTTTNNCTTTAACATAAATTTTNGATATTAAA

SEQ ID NO: 249

45 >gi|1110336|gb|H96850.1|H96850 yw03b12.s1 Soares melanocyte 2NbHM Homo sapiens
cDNA clone IMAGE:251135 3' similar to contains Alu repetitive element;; mRNA sequence
TTTTTGAGGGCAACATCTCGCTTTATTTTATTTATTTATTTATTTATTTATTTG
AGACAGAGTCTTAACACTGTTGCCAGGCTGGAGTGCAATGGCGTGATCTCAGCT
CACTGCAAGCTCTGCCTCCTGGATTCATGCCTTTCTCCTGCCTCAGCCTCCCGAGT

AGCTGGGACCACAGGTGCCCACCACCACGCCAGCTAATTTTTTGTACTTTTAGT
AGAGACAGGGTTTTACCGTGTTAGCCAGGATAGTCTCGATCTCCTGACCTCGTGA
GCCGCCCCGCCTCGGNCTCCCAAAGTGCTGGGATTACAGGCATGAGCACCGTGCCT
GGCCACGTCCCTATTTTAGAAATGAGAGGAGTGACTGCACATAGGAAAAATGCC
5 ACTTTTA

SEQ ID NO: 250

>gi|1177578|emb|X95383.1|OCCRYAB O.cuniculus mRNA for alpha-B-crystallin
CCGACACTCACCTAGCCACCATGGACATCGCTATCCACCACCCCTGGATCCGCCC
10 CCCCTTCTTTCTTTTCACTCGCCAGCCGCCTCTTTGACCAGTTCTTCGGAGAGC
ACCTGTTGGAGTCTGATCTCTTCCCAACTTCTACTTCCCTGAGCCCCTTCTATCTT
CGGCCACCCCTCATTCCCTGCGGGCACCCAGCTGGATTGACACTGGACTCTCAGAGA
TGCGCCTGGAGAAGGACAGGTTCTCTGTCAACCTGGATGTGAAGCACTTCTCCCC
AGAGGAGCTCAAGGTCAAAGTGTTGGGTGATGTGATTGAGGTGCACGGCAAACA
15 TGAAGAGCGCCAGGATGAACATGGTTTCATCTCCAGGGAGTTCACAGGAAATA
CCGGATCCCAGCTGATGTGGACCCTCTCACCATTACTTCATCCCTGTCATCTGATG
GGGTCCTCACTGTGAATGGACCAAGGAAGCAAGCCCCTGGCCCCAGAGCGCACCA
TTCCCATAACCCGTGAAGAGAAGCCTGCTGTCACTGCAGCCCCCAAGAAGTAG

20 SEQ ID NO: 251

>gi|2167332|gb|AA453663.1|AA453663 aa18e04.r1 Soares_NhHMPu_S1 Homo sapiens
cDNA clone IMAGE:813630.5' similar to gb:M54915 PIM-1 PROTO-ONCOGENE.

SERINE/THREONINE-PROTEIN KINASE (HUMAN);, mRNA sequence.

AAATTCGGCCCGAGGGTCAGAACCCCTGCCATGGAAGTGTTCCTTCATCATGAGTT
25 CTGCTGAATGCCGCGATGGGTCAGGTAGGGGGGAAACAGGTTGGGATGGGATAG
GACTAGCACCATTTTAAGTCCCTGTACCTCTTCCGACTCTTTCTGAGTGCCTTCT
GTGGGGACTCCGGCTGTGCTGGGAGAAATACTTGAAGTTGCCTCTTTTACCTGCT
GCTTCTCCAAAAATCTGCCTTGGGTTTTGTTCCCTATTGTTGCTCTCGTGTCTTCCT
TAACCCCTCCTTCATAATGAAGGGTGCATGGGAGA

30

SEQ ID NO: 252

>gi|2240364|gb|AA504204.1|AA504204 aa59h01.s1 NCI_CGAP_GCB1 Homo sapiens
cDNA clone IMAGE:825265 3', mRNA sequence

TTTTTTAACTCATGTGGTTAACATGGTATTGTATAAAAAGAAAAAAAAAACACCA
35 CTCAATACTTACTAAGCCTTGCAGACAGCTCAGAGTTGAGGCAGCATATTGGGCA
TAGAGATCATAGGATTTGTATTATCCCTTGCAAGATGGAAGTCCAACCAACACCA
GAATTTTCCAATTCAAATTCAGTTTTAGTCGAGACCCCAGCATAATTTTATAGAAA
AAAGATTGGATTGTTGCTTTTCTTTTAATTTCCATTCTTATTAGACAAATGACC
AGAGGCAATGACAAAAGTAACTGTTTAAAAGGGATTTCTCTCCAGAAGTTTTTTC
40 TAAAGGTTTAAAGTCCAGGCTTCCATCCTTCTCTCCATCCTTTTTTCATTTTAAAAA
GAAGGGTTTTGGAATATGTCAACCTTTACTCAGCTTGCTATACAAA

SEQ ID NO: 253

>gi|1203432|gb|N59542.1|N59542 yv76d05.s1 Soares fetal liver spleen 1NFLS Homo
45 sapiens cDNA clone IMAGE:248649 3', mRNA sequence

GTGATTGAACAGAGGCAGTGTACTGGAGTTTGGAAACCAGAAAGATGAATTACCT
ATTGAAGTGGACCTTGGTAAAAAGTGCTGGTATCACTCTATATTTGCCTGCCCA
TTCTTCGTCAGCAAACAACAGATAACAATCCACCCATGAAATTGGTCTGTGGTCA
TATTATATCAAGAGATGCCCTGAATAAAATGTTTAATGGTAGCAAATTAATATGT

CCCTACTGTCCAATGGAACAAAGTCCAGGAGATGCCAAACAGATATTTTTCTGAA
GAGATAACTTTAGTTTGCAATTTGTAAGTGAACTGAATCGTGGGTGCATTTTCAG
AAGAGAACGTTCCATATAATGCAGCTAACCAAGGACTCCTGTGTTTCTATAAGCT
AATGCTCCAGAACTTTTGCCAACCTGTTAGTGTACACACACTGAGGGGAGTGCT
5 CCCGGTGAATATTATCATAGGGCCTTATT

SEQ ID NO: 254

>gi|2432801|gb|AA599176.1|AA599176 ae46c08.s1 Stratagene lung carcinoma 937218

Homo sapiens cDNA clone IMAGE:949934 3', mRNA sequence

10 TTGTAAAGAATTGAATTCCTTTATTTGTGATATCCATAAACGTTGCTATTCTCTATT
TCTATCCAGAAAGGCAATTTTCACCTATTATCACTTTTGTTCCTTCTTATAAACA
ACAACCTTGAATGCTATTGCAGGAAAGGGCTACAAATATACATTTGTTAACCAAGC
AGAATACACAGATATTTTGCTTTACAACCTTGCACCTAAAATACCAGTATACGTAG
CTGGTTCATTAGTTGTCATAGCAATTTAGGGCTATTGCCAAGCTATGCATAGCAG
15 TTTACATTTTCAAACCTCATATAGAAAGGGCTATTGTGATATGAACTGGCAACTA
CATTCTGTGAAGCCCATCTCAGTTACAAGCAAATGTGTAACTTCCAATTCTGC
AAAGAATTTTGATGGCAAACTTCCAATCTGATGCAATTGTCTTAAGCAAGTTT
TTAAACAAATTGTTTCGCAGCTACTCTGCCATTCTGCCAGTAGATGGTGCT

20 SEQ ID NO: 255

>gi|659863|gb|T58002.1|T58002 yb19g05.r1 Stratagene fetal spleen (#937205) Homo sapiens

cDNA clone IMAGE:71672 5' similar to similar to gb:J04058 ELECTRON TRANSFER

FLAVOPROTEIN ALPHA-SUBUNIT (HUMAN), mRNA sequence

25 TGGTATCTGGTGGTTCGAGGCTTGAAGAGTGGAGAGAAGTTAAGTTGTTATATGA
CTTGGCAGATCAACTACATGCTGCAGTTGGTGCTTCCCGTGCTGCTGTTGATGCT
GGCTTTGTTCCCAATGACATGCAAGTTGGACAGACGGGAAAAATAGTAGCACCA
GAACTTTATATTGCTGTTGGAATATCTGGGAGCCATCCAACATTTAGCTGGGGAT
GAAAGACAGCAAGACAATTGTGGCCAATTAATAAAGACCCAGAAGCTCCCAATT
TTCCCAAGTNGCCAGATTATGGGATTAGTTGCAGGTTTATTTTAAGGTAGTTCCCT
30 GGAANTGACTTGAGGTATT

SEQ ID NO: 256

>gi|182666|gb|M76672.1|HUMFMLPX Human FMLP-related receptor II (FMLP R II)

mRNA, complete cds

35 ATGGAAACCAACTTCTCCACTCCTCTGAATGAATATGAAGAAGTGTCTATGAGT
CTGCTGGCTACACTGTTCTGCGGATCCTCCCATTGGTGGTGCTTGGGGTCACCTTT
GTCCTCGGGGTCCTGGGCAATGGGCTTGTGATCTGGGTGGCTGGATTCCGGATGA
CACGCACAGTCACCACCATCTGTTACCTGAACCTGGCCCTGGCTGACTTTTCTTTC
ACGGCCACATTACCATTCTCATTGTCTCCATGGCCATGGGAGAAAAATGGCCTT
40 TTGGCTGGTTCCTGTGTAAGTTAATTCACATCGTGGTGGACATCAACCTCTTTGGA
AGTGTCTTCTTGATTGGTTTCATTGCACTGGACCGCTGCATTTGTGTCTGTCATCC
AGTCTGGGCCCAGAACCACCGCACTGTGAGTCTGGCCATGAAGGTGATCGTCGG
ACCTTGGAATCTTGCTCTAGTCCTTACCTTGCCAGTTTTCTCTTTTTGACTACAGT
AACTATTCCAAATGGGGACACATACTGTACTTTCAACTTTGCATCCTGGGGTGGC
45 ACCCTGAGGAGAGGCTGAAGGTGGCCATTACCATGCTGACAGCCAGAGGGATT
ATCCGGTTTGTTCATTGGCTTTAGCTTGCCGATGTCCATTGTTGCCATCTGCTATGG
GCTCATTGCAGCCAAGATCCACAAAAAGGGCATGATTAAATCCAGCCGTCCCTTA
CGGGTCCTCACTGCTGTGGTGGCTTCTTCTTCATCTGTTGGTTTCCCTTTCAACTG
GTTGCCCTTCTGGGCACCGTCTGGCTCAAAGAGATGTTGTTCTATGGCAAGTACA

AAATCATTGACATCCTGGTTAACCCAACGAGCTCCCTGGCCTTCTTCAACAGCTG
 CCTCAACCCCATGCTTTACGTCTTTGTGGGCCAAGACTTCCGAGAGAGACTGATC
 CACTCCCTGCCACCACTGTGGAGAGGGCCCTGTCTGAGGACTCAGCCCCAACTA
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 5 GTGAGG

SEQ ID NO: 257

>gi|1047029|gb|H73961.1|H73961 yu04e02.s1 Soares fetal liver spleen 1NFLS Homo
 sapiens cDNA clone IMAGE:232826 3', mRNA sequence

10 TATGTTAGAAATTNCTTTATTATTACTTATCCTTATTAAGCGCCANNTTNAATGCT
 GCAGAAAATTTCAAATCACCTTGATAACCCACTTNCTTTCCCTCCCACCCAAATN
 CTTGANCAAGAGTTTTTCAAGTAAAGACATGCTCTTCTCTCCTGTATAAACTT
 TACGAAATAAAGGCAAAAGATTGTGTACATCTTGCTGGGAAAATGCTGCCCGGG
 GCTCTGGGAGACGGTGGGCTGCCCGGGCTCCCTTCACTGTCCGGGTCTGAAAGG
 15 ACTCTTGTTTCATGGAAGTGTCTCTTCACAAAGGCAAGGTCCACCACTTGCTGGGG
 GTTTATCATTCTGAGGGGTCTGGAAGAACTTTTCTCACAAGGTCTCAGGTCCAGTCT
 CTTGGCCTTAGGCTGTTGTAAAAGGGGTTTTTCATCANTTCANCTTCCCTTTGTTTG
 GAGGGTTGGGGATAANTGGGGTTAGGGGGGGNAACGGGGGTTTNGGGGGTTGG
 GGGAATTAG

SEQ ID NO: 258

>gi|1477389|gb|L76631.1|HUMMGLUB Homo. sapiens metabotropic glutamate receptor 1
 beta (mGluR1beta) mRNA, complete cds

25 GCGCAGGTAAGTCAAGTCCATGTCCTCCAAACAGACTCAGCATCT
 AGCTCACCGCTGCCAACACGACTTCCACTGTACTCTTGATCAATTTACCTTGATGC
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 AGGCGGTCTGAGGAGGACCCAGAGGAGGAGACGAAGGGGAAGGAGGCGGTGGTG
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 AGGCGGCGCTGGGCGTCTTGGGGGTGCGCGCCGGGAGCCTGCAGCGGGACCAAGC
 30 GTGGGAACGCGGCTGGCAGGCTGTGGACCTCGTCCTCACCACCATGGTCGGGCTC
 CTTTTGTTTTTTTTTCCCAGCGATCTTTTTGGAGGTGTCCCTTCTCCCCAGAAGCCCC
 GGCAGGAAAGTGTGCTGGCAGGAGCGTCGTCTCAGCGCTCGGTGGCCAGAATG
 GACGGAGATGTCATCATTGGAGCCCTCTTCTCAGTCCATCACCAGCCTCCGGCCG
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 35 AGGGTGGAGGCCATGTTCCACACGTTGGATAAGATCAACGCGGACCCGGTCCTC
 CTGCCCAACATCACCTGGGCAGTGAGATCCGGGACTCCTGCTGGCACTCTTCCG
 TGGCTCTGGAACAGAGCATTGAGTTCATTAGGGACTCTCTGATTTCATTTCGAGA
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 CAGGACTAAGAAGCCCATTCGCGGAGTGATCGGTCCCGGCTCCAGCTCTGTAGC
 40 CATTCAAGTGCAGAACCTGCTCCAGCTCTTCGACATCCCCCAGATCGCTTATTCA
 GCCACAAGCATCGACCTGAGTGACAAAACCTTTGTACAAATACTTCCTGAGGGTTG
 TCCCTTCTGACACTTTGCAGGCAAGGGCCATGCTTGACATAGTCAAACGTTACAA
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 GGACGCTTTCAAAGAGCTGGCTGCCAGGAAGGCCTCTGTATCGCCATTCTGAC
 45 AAAATCTACAGCAACGCTGGGGAGAAGAGCTTTGACCGACTCTTGCGCAAATC
 CGAGAGAGGCTTCCCAAGGCTAGAGTGGTGGTCTGCTTCTGTGAAGGCATGACA
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 TCATTGGAAGTGATGGATGGGCAGACAGAGATGAAGTCATTGAAGGTTATGAGG
 TGGAAGCCAACGGGGGAATCACGATAAAGCTGCAGTCTCCAGAGGTCAGGTCAT

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 5 GGCTGCAGAACATGCACCATGCCCTCTGCCCTGGCCACGTGGGCCTCTGCGATGC
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 AGGTATGATATCATGAATCTGCAGTACACTGAAGCTAATCGCTATGACTATGTGC
 ACGTTGGAACCTGGCATGAAGGAGTGCTGAACATTGATGATTACAAAATCCAGA
 10 TGAACAAGAGTGGAGTGGTGCGGTCTGTGTGCAGTGAGCCTTGCTTAAAGGGCC
 AGATTAAGGTTATACGGAAAGGAGAAGTGAGCTGCTGCTGGATTTGCACGGCCT
 GCAAAGAGAATGAATATGTGCAAGATGAGTTCACCTGCAAAGCTTGTGACTTGG
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 TGAGTGGAGCAACATCGAATCCATTATAGCCATCGCCTTTTCATGCCTGGGAATC
 15 CTTGTTACCTTGTTTGTACCCCTAATCTTTGTACTGTACCGGGACACACCAAGTGGT
 CAAATCCTCCAGTCGGGAGCTCTGCTACATCATCCTAGCTGGCATCTTCCTTGGTT
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 CGCCTCTTGGTTGGCCTCTCCTCTGCGATGTGCTACTCTGCTTTAGTGACTAAAAC
 CAATCGTATTGCACGCATCCTGGCTGGCAGCAAGAAGAAGATCTGCACCCGGAA
 20 GCCCAGGTTTCATGAGTGCCTGGGCTCAGGTGATCATTGCCTCAATTCTGATTAGT
 GTGCAACTAACCTGGTGGTAACCCTGATCATCATGGAACCCCTATGCCCATTC
 TGTCCTACCCAAGTATCAAGGAAGTCTACCTTATCTGCAATACCAGCAACCTGGG
 TGTGGTGGCCCCCTTTGGGCTACAATGGACTCCTCATCATGAGCTGTACCTACTAT
 GCCTTCAAGACCCGCAACGTGCCCGCCAACTTCAACGAGGGCCAAATATATCGCGT
 25 TCACCATGTACACCACCTGTATCATCTGGCTAGCTTTTGTGCCCATTTACTTTGGG
 AGCAACTACAAGATCATCACAACCTTGCTTTGCAGTGAGTCTCAGTGTAACAGTGG
 CTCTGGGGTGCATGTTCACTCCCAAGATGTACATCATTATTGCCAAGCCTGAGAG
 GAATGTCCGCAGTGCCCTTACCACCTCTGATGTTGTCCGCATGCATGTTGGCGAT
 GGCAAGCTGCCCTGCCGCTCCAACACTTTCTCAACATCTTCCGAAGAAAGAAGG
 30 CAGGGGCAGGGAATGCCAAGAAGAGGCAGCCAGAATTCTCGCCCACCAGCCAAT
 GTCCGTCGGCACATGTGCAGCTTTGAAAACCCCCACACTGCAGTGAATGTTTCTA
 ATGGCAAGTCTGTGTCATGGTCTGAACCAGGTGGAGGACAGGTGCCCAAGGGAC
 AGCATATGTGGCACC GCCTCTCTGTGCACGTGAAGACCAATGAGACGGCCTGCA
 ACCAAACAGCCGTCATCAAACCCCTCACTAAAAGTTACCAAGGCTCTGGCAAGA
 35 GCCTGACCTTTTC

SEQ ID NO: 259

>gi|1374674|gb|L78207.1|HUMSUR1RNA Homo sapiens sulfonylurea receptor (SUR1)

mRNA, complete cds

40 GCCAGCTGAGCCCGAGCCAGACCGCGCCCGCGCCGCCATGCCCTGGCCTTCTG
 CGGCAGCGAGAACCACTCGGCCGCCTACCGGGTGGACCAGGGGGTCTCAACAA
 CGGCTGCTTTGTGGACGTCCTCAACGTGGTGCCGCACGTCTTCCTACTCTTCATCA
 CTTCCCCATCCTCTTCATTGGATGGGGAAGTCAGAGCTCCAAGGTGCACATCCA
 CCACAGCACATGGCTTCATTTCCCTGGGCACAACCTGCGGTGGATCCTGACCTTC
 45 ATGCTGCTCTTCGTCCTGGTGTGTGAGATTGCAGAGGGCATCCTGTCTGATGGGG
 TGACCGAATCCCACCATCTGCACCTGTACATGCCAGCCGGGATGGCGTTCATGGC
 TGCTGTCACCTCCGTGGTCTACTATCACAACATCGAGACTTCCAACCTCCCCAAG
 CTGCTAATTGCCCTGCTGGTGTATTGGACCCTGGCCTTCATCACCAAGACCATCA
 AGTTTGTCAAGTTCTTGGACCACGCCATCGCGTTCTCGCAGGTACGCTTCTGCCTC

ACAGGGCTGCTGGTGATCCTCTATGGGATGCTGCTCCTCGTGGAGGTCAATGTCA
TCAGGGTGAGGAGATACATCTTCTTCAAGACACCGAGGGAGGTGAAGCCTCCCG
AGGACCTGCAAGACCTGGGGGTACGCTTCCTGCAGCCCTTCGTGAATCTGCTGTC
CAAAGGCACCTACTGGTGGATGAACGCCTTCATCAAGACTGCCCACAAGAAGCC
5 CATCGACTTGCGAGCCATCGGGAAGCTGCCCATCGCCATGAGGGGCCCTCACCAA
CTACCAACGGCTCTGCGAGGCCTTTGACGCCCAGGTGCGGAAGGACATTCAGGG
CACTCAAGGTGCCCCGGGCCATCTGGCAGGCACTCAGCCATGCCTTCGGGAGGCG
CCTGGTCCTCAGCAGCACTTTCCGCATCTTGGCCGACCTGCTGGGCTTCGCCGGG
CCACTGTGCATCTTTGGGATCGTGGACCACCTTGGGAAGGAGAACGACGTCTTCC
10 AGCCCAAGACACAATTTCTCGGGGTTTACTTTGTCTCATCCCAAGAGTTCCTTGCC
AATGCCTACGTCTTAGCTGTGCTTCTGTTCCCTGCCCTCCTACTGCAAAGGACATT
TCTGCAAGCATCCTACTATGTGGCCATTGAAACTGGAATTAATTGAGAGGAGCA
ATACAGACCAAGATTTACAATAAAATTATGCACCTGTCCACCTCCAACCTGTCCA
TGGGAGAAATGACTGCTGGACAGATCTGTAATCTGGTTGCCATCGACACCAATCA
15 GCTCATGTGGTTTTTCTTCTTGTGCCCAAACCTCTGGGCTATGCCAGTACAGATCA
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20 CACGCGGGTGGAGACGACCCGCAGGAAGGAGATGACCAGCCTCAGGGCCTTTGC
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25 GAGTTCCTGTCCAGTGCAGAGATCCGTGAGGAGCAGTGTGCCCCCATGAGCCC
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GCTACTTCACGTGGACCCCAGATGGAATCCCCACACTGTCCAACATCACCATTCC
30 TATCCCCCGAGGCCAGCTGACTATGATCGTGGGGCAGGTGGGCTGCGGCAAGTC
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AAACCATGGCTGCTAAATGCCACTGTGGAGGAGAACATCATCTTTGAGAGTCCCT
35 TCAACAAACAACGGTACAAGATGGTCAATTGAAGCCTGCTCTCTGCAGCCAGACA
TCGACATCCTGCCCCATGGAGACCAGACCCAGATTGGGGAACGGGGCATCAACC
TGTCTGGTGGTCAACGCCAGCGAATCAGTGTGGCCCGAGCCCTCTACCAGCACGC
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40 TCTTAGTGACCCACAAGCTACAGTACCTGCCCCATGCAGACTGGATCATTGCCAT
GAAGGATGGCACCATCCAGAGGGAGGGTACCCTCAAGGACTTCCAGAGGTCTGA
ATGCCAGCTCTTTGAGCACTGGAAGACCCTCATGAACCGACAGGACCAAGAGCT
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45 AGGAGGCAGCTGAGAGCGAGGAGGATGACAACCTGTCGTCCATGCTGCACCAGC
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GCCAGGAAGTGTCCCTCAGCCAGGAGTGCACCCTCGACCAGACTGTCTATGCCA

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 TCCTGAACAGATTTTTCATCTGACTGTAACACCATCGACCAGCACATCCCATCCAC
 5 GCTGGAGTGCCTGAGCCGCTCCACCCTGCTCTGTGTCTCAGCCCTGGCCGTCATC
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 CTTCATCCAGAAGTACTTCCGGGTGGCGTCCAGGGACCTGCAGCAGCTGGATGAC
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 10 AGACTCCAACAACATTGCTTCCCTCTTCTCACAGCTGCCAACAGATGGCTGGAA
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 15 GCAGAGAGCTACGAGGGACTCCTGGCACCATCGCTGATCCCAAAGAACTGGCCA
 GACCAAGGGAAGATCCAGATCCAGAACCTGAGCGTGCGCTACGACAGCTCCCTG
 AAGCCGGTGCTGAAGCACGTCAATGCCCTCATCTCCCCTGGACAGAAGATCGGG
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 20 GCCGCTGCACACCCTGCGCTCACGCCTCTCCATCATCCTGCAGGACCCCGTCCTC
 TTCAGCGGCACCATCCGATTTAACCTGGACCCTGAGAGGAAGTGCTCAGATAGC
 ACACTGTGGGAGGGCCCTGGAAATCGCCAGCTGAAGCTGGTGGTGAAGGGCACTG
 CCAGGAGGCCTCGATGCCATCATCAGAGAAGGCGGGGAGAATTTAGCCAGGGGA
 CAGAGGCAGCTGTTCTGCCTGGCCCGGGGCTTTCGTGAGGAAGACCAGCATCTTCA
 25 TCATGGACGAGGGCCACGGCTTCCATTGACATGGCCACGGAAAACATCCTCCAAA
 AGGTGGTGATGACAGCCTTCGCAGACCGCACTGTGGTCACCATCGCGCATCGAGT
 GCACACCATCCTGAGTGCAGACCTGGTGATCGTCCTGAAGCGGGGTGCCATCCTT
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 TTCGTCCGTGCAGACAAGTGACCTGCCAGAGCCCAAGTGCCATCCACATTTCGGA
 30 CCCTGCCCATAACCCCTGCCTGGGTTTTCTAACTGTAAATCACTTGTAATAAATA
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SEQ ID NO: 260

>2211267F6

35 GAAAGAAACAGATAACACCAAACCAAACCCCGTAGCTCCATATTGGACATCCCC
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 CAAAGAATTCAAACCTGACCACAGAATTGGAGGCTACAAGGTCCGTTATGCCAC
 CTGGAGCATCATAATGGAATCTGTGGTGCCCTCTGACAAGGGCAACTACACCTGC
 40 ATGTGTGAGAATGAGTACGGCAGCATCAACCACACATAACAGCTGGATGTCGTG
 GAGCGGTCCCCTCACCGGCCCATCCTGCAAGCAGGGTTGCCCGCCAACAAAACA
 GTGGCCTGGGTAGCAACGTGGAGTTCATGTGTAAAGGTGTACAGTGACCCGCAGC
 CGCACATCCAGTGGCTAAAGCACATCGAGGTGAATGGGAGCAAGATTGGCCCAG
 ACAACCTGCTTATGTC

45

SEQ ID NO: 261

>gi|186287|gb|M54933.1|HUMIL1C Human monocyte interleukin mRNA, complete cds

GACAAACCTTTTCGAGGCAAAAGGCAAAAAGGCTGCTCTGGGATTCTCTTCAG
 CCAATCTTCAATGCTCAAGTGTCTGAAGCAGCCATGGCAGAAGTACCTAAGCTCG

CCAGTGAAATGATGGCTTATTACAGTGGCAATGAGCATGACTTGTTCTTTGAAGC
TGATGGCCCTAAACAGATGAAGTGCTCCTTCCAGGACCTGGACCTCTGCCCTCTG
GATGGCGGCATCCAGCTACGAATCTCCGACCACCTACAGCAAGGGCTTCAGG
CAGGCCGCGTCAGTTGTTGTGGCCATGGACAAGCTGAGGAAGATGCTGGTTCCCT
5 GCCCACAGACCTTCCAGGAGAATGACCTGAGCACCTTCTTTCCCTTCATCTTTGA
AGAAGAACCTATCTTCTTCGACACATGGGATAACCAGGCTTATGTGCACGATGCA
CCTGTACGATCACTGAACTGCACGCTCCGGGACTCACAGCAAAAAAGCTTGGTG
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AACAAGTGGTGTCTCCATGTCCTTTGTACAAGGAGAAGAAAGTAATGACAAAA
10 TACCTGTGGCCTTGGCCCTCAAGGAAAAGAATCTGTACCTGTCCTGCGTGTTGAA
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GGAATTTGAGTCTGCCCAGTTCCCCAACTGGTACATCAGCACCTCTCAAGCAGAA
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15 ACCATGCAATTTGTGTCTTCCTAAAGAGAGCTGTACCCAGAGAGTCTGTGCTGA
ATGTGGACTCAATCCCTAGGGCTGGCAGAAAGGGAACAGAAAGGTTTTTCAGTA
CGGCTATAGCCTGGACTTTCCTGTTGTCTACACCAATGCCCAACTGCCTGCCTTAG
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20 TAAAGCCCGCCTCACAGAAACCAGGCCACATTTTGGTTCTAAGAAACCCTCCTCT
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25 TTATTTAAATGGGAATATTTATAAATGAGCAAATATCATACTGTTCAATGGTTCT
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SEQ ID NO: 262

>gi|2056756|gb|AA402960.1|AA402960 zu54d12.s1 Soares ovary tumor NbHOT Homo
30 sapiens cDNA clone IMAGE:741815 3', mRNA sequence
TTTTTTTTTTTATATTTACCTTTTTTTATTGAATTTGTATTAAAGGAGGTAGTGAG
GGGGCGGAACGACTTAAGAGTCAGAATCCATATTAGACTCTGGGGAGTGAAAAA
TTAAATTAATCAGTAAGATGGGGAGTGGGGGAAGAGTCAGAGGGAACTTTGCC
CACCTTTGAAGATCAAATCAAGAAATCAGGGAAAGCAAAGACTTAGGAGAGGA
35 GAAAGACATTCTCTCAATCCATCCTCCTTCCCCAGGGCAGAGAATTAAACAACGT
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SEQ ID NO: 263

>gi|285960|dbj|D14695.1|HUMORF12 Human mRNA for KIAA0025 gene, complete cds
40 CGTGAACGGTCGTTGCAGAGATTGCGGGCGGCTGAGACGCCGCTGCCTGGCAC
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GAACCCGAGCCCGTCACGCTCCTGGTGAAGAGCCCCAACCAGCGCCACCGCGAC
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45 GGAAGCTGTTGTTGGATCACCAATGTCTCAGGGACTTGCTTCCAAAGCAGGAAA
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 5 GCCTGCCAATCAGAATGCTGCTCCTCAAGTGGTTGTTAATCCTGGAGCCAATCAA
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 15 GGATCACCTGACTCCAGCTAGATTGCCTCTCCTGGACATGGCAATGATGAGTTTT
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 20 CATGTGTGTTTGTACATAGAAGTCATAGATGCAGAAGTGGTTCTGCTGGTAAGAT
 TTGATTCCTGTTGGAATGTTTAAATTACACTAAGTGTACTACTTTATATAATCAAT
 GAAATTGCTAGACATGTTTTAGCAGGACTTTTCTAGGAAAGACTTATGTATAATT
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 AACCTTTGCTGGGTTTTCTGTTCAATAAAGTTTACTATGAATGACCCTG

25
 SEQ ID NO: 264

>gi|1004270|emb|X87159.1|HSSCNN1B H.sapiens mRNA for beta subunit of epithelial
 amiloride-sensitive sodium channel

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 30 ACCGCCGCTCCGCCACCGCCGACAGCGCGCATCCTCCGTGTCCCCGCTCCGCCG
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 ACAACACCAACACCCACGGCCCCAAGCGCATCATCTGTGAGGGGGCCCAAGAAGA
 AAGCCATGTGGTTCCTGCTCACCTGCTCTTCGCCGCCCTCGTCTGCTGGCAGTGG
 35 GGCATCTTCATCAGGACCTACTTGAGCTGGGAGGTCAGCGTCTCCCTCTCCGTAG
 GCTTCAAGACCATGGACTTCCCCGCCGTCACCATCTGCAATGCTAGCCCCTTCAA
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 40 ACCACCCCATGGTCCTTGATCTCTTTGGAGACAACCACAATGGCTTAACAAGCAG
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 GCATTGACAGAGTGGTACATCCTGCAGGCCACCAACATCTTTGCACAGGTGCCAC
 AGCAGGAGCTAGTAGAGATGAGCTACCCCGGCGAGCAGATGATCCTGGCCTGCC
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 GAGCCTACGGCAGCGGCGAGCCCAAGCCAGCTACGCTGGCCCACCGCCCACCGT
 GGCCGAGCTGGTGGAGGCCACACCAACTTTGGCTTCCAGCCTGACACGGCCCCC
 15 CGCAGCCCCAACACTGGGCCCTACCCCAGTGAGCAGGCCCTGCCCATCCCAGGC
 ACCCCGCCCCCAACTATGACTCCCTGCGTCTGCAGCCGCTGGACGTCATCGAGT
 CTGACAGTGAGGGTGATGCCATCTAACCCTGCCCTGTCCACCCCGGGTGGGTGA
 AACTCACTGAGCAGCCAAGACTGTTGCCCGAGGACTCACTGTATGGTGGCCTCTC
 CAAAGGGTTCGGGAGGGTAGCTCTCCAGGCCAGAGCTTGTGTCCTTCAACAGAGA
 20 GGCCAGCGGCAACTGGTCCGTTACTGGCCAAGGGCTCTGAAGAATCAACGGTGC
 TGGTACAGGATACAGGAATAAATTGTATCTTCACCTGGTTCCTACCCTCGTCCCT
 ACCTGTCCTGATCCTGGTCCCTGAAGACCCCTCGGAACACCCTCTCCTGGTGGCAG
 GCCACTTCCCTCCCAGTGCCAGTCTCCATCCACCCAGAGAGGAACAGGGCGGGTG
 GGCCATGTGGTFTTCTCCTTCCCTGGCCTTGGCTGGCCTCTGGGGCAGGGGTGGTG
 25 GAGAGATGGAAGGGCATCAGGTGTAGGGACCCTGCCAAGTGGCACCTGATTTAC
 TCTAGAAAATAAAAGTAGAAAATACTGAGAAAAAAAAAAAAAAAAAAAAA

SEQ ID NO: 265

>gi|1408187|gb|U59167.1|HSU59167 Human desmin mRNA, complete cds

30 CCTCGCCGCATCCACTCTCCGGCCGGCCGCCTGCCCCGCCGCTCCTCCGTGCGCC
 CGCCAGCCTCGCCCGCGCCGTCACCATGAGCCAGGCCTACTCGTCCAGCCAGCGC
 GTGTCCTCCTACCGCCGCACCTTCGGCGGCGCCCCGGGCTTCCCGCTCGGCTCCC
 CGCTGAGCTCGCCCGTGTTCCTCGCGGGCGGGTTTCGGCTCTAAGGGCTCCTCCAG
 CTCGGTGACGTCCCGCGTGTACCAAGGTGTGCGGCACGTGCGGGCGGGGCCGGGG
 35 CCTGGGGTTCGCTGCGGGCCAGCCGGCTGGGGACCACCCGCACGCCCTCCTCCTAC
 GGCGCAGGCGAGCTGCTGGACTTCTCACTGGCCGACGCGGTGAACCAGGAGTTT
 CTGACCACGCGCACCAACGAGAAGGTGGAGCTGCAGGAGCTCAATGACCGCTTC
 GCCAACTACATCGAGAAGGTGCGCTTCCTGGAGCAGCAGAACGCGCTCGCCGCC
 GAAGTGAACCGGCTCAAGGGCCGCGAGCCGACGCGAGTGGCCGAGCTCTACGAG
 40 GAGGAGCTGCGGGAGCTGCGGCGCCAGGTGGAGGTGCTCACTAACCAGCGCGCG
 CGCGTCGACGTCGAGCGCGACAACCTGCTCGACGACCTGCAGCGGCTCAAGGCC
 AAGCTGCAGGAGGAGATTCAGTTGAAGGAAGAAGCAGAGAACAATTTGGCTGCC
 TTCCGAGCGGACGTGGATGCAGCTACTCTAGCTCGCATTGACCTGGAGCGCAGA
 ATTGAATCTCTCAACGAGGAGATCGCGTTCCTTAAGAAAGTGCATGAAGAGGAG
 45 ATCCGTGAGTTGCAGGCTCAGCTTCAGGAACAGCAGGTCCAGGTGGAGATGGAC
 ATGTCTAAGCCAGACCTCACTGCCGCCCTCAGGGATATCCGGGCTCAGTATGAGA
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 AGGAGATGATGGAATACCGACACCAGATCCAGTCCTACACCTGCGAGATTGACG

CCCTCAAGGGGCACTAACGATTCCCTGATGAGGCAGATGCGGGAATTGGAGGACC
 GATTTGCCAGTGAGGCCAGTGGCTACCAGGACAACATTGCGCGCCTGGAGGAAG
 AAATCCGGCACCTCAAGGATGAGATGGCCCGCCATCTGCGCGAGTACCAGGACC
 TGCTCAACGTGAAGATGGCCCTGGATGTGGAGATTGCCACCTACCGGAAGCTGCT
 5 GGAGGGAGAGGAGAGCCGGATCAATCTCCCCATCCAGACCTACTCTGCCCTCAA
 CTTCCGAGAAACCAGCCCTGAGCAAAGGGGTTCTGAGGTCCATACCAAGAAGAC
 GGTGATGATCAAGACCATCGAGACACGGGATGGGGAGGTCGTCAGTGAGGCGAC
 ACAGCAGCAGCATGAAGTGCTCTAAAGACGAGAGACCCTCTGCCACCAGAGACC
 GTCCTCACCCCTGTCTCACTGCTCCCTGAAGCCCAGCCTTCTTCCATCCCAGGAC
 10 ACCACACCCAGCCTCAGTCCTCCCGTCACAGCCTCTGACCCCTCCTCACTGGCCA
 TCCCTCGTGGTCCCCAACAGCGACATAGCCCATCCCTGCCTGGTCACAGGCATGC
 CCCGGCCACCTCTGCGGACCCCAGCTGTGAGCCTTGGCTGTTGGCAGTGAGTGAG
 CCTGGCTCTTGTGCTGGATGGAGCCCAGGCGGGAGCGGTGGCCCTGTCCCTCCCA
 CCTCTGTGACCTGAGGCCTACGCTTTGGCTCTGGAGATAGCCCCAGAGCAGGGTG
 15 TTGGGATACTGCAGGGCCAGGACTGAGCCCCGCAGACCTCCCCAGCCCCTAGCC
 CAGGAGAGAGAAAGCCAGGCAGGTAGCCTGGGGGACTAGCCCTGTGGAGACTG
 GGGGGCTTGAAATTGTCCCCGTGGTCTCTTACTTTCTTTCCCCAGCCCAGGGTGG
 ACTTAGAAAGCAGGGGCTACAAGAGGGAATCCCCGAAGGTGCTGGAGGTGGGA
 GCAGGAGATTGAGAAGGAGAGAAAGTGGGTGAGATGCTGGAGAAGAGAGAGGA
 20 GGAGAGAGGCAGAGAGCGGTCTGAGGCTGGTGGGAGGGGCGCCACCTCCCCAC
 GCCCTCCCCCCCCCTGCTGCAGGGGCTCTGGAGAGAAACAATAAA

SEQ ID NO: 266

>1649377H1

25 GCCCAGTTAAATAACATTGACAGACTTGCCAACACGATCACAATGATCGAAGAG
 GAGATGGTGCAGCTTCGCAAAAGATACGAAAAAGCTGTTTCAGCATCGAAATGAA
 AGGTAAAAACCAGCCTCTGCCTCTGAATTTGACCATAGTGGCGTTCAGCTGATAG
 AGCGGGAAGAAGAAATATGCATTTTTTATGAAAAAATAAATATCCAAGAGAAGA
 TGAAACTAAAT

30

SEQ ID NO: 267

>gi|347522|gb|L22206.1|HUMV2R Human vasopressin receptor V2 gene, complete cds

AGAAGATCCTGGGTTCTGTGCATCCGTCTGTCTGACCATCCCTCTCAATCTTCCCT
 GCCCAGGACTGGCCATACTGCCACCGCACACGTGCACACACGCCAACAGGCATC
 35 TGCCATGCTGGCATCTCTATAAGGGCTCCAGTCCAGAGACCCTGGGGCATTGAAC
 TTGCTCCTCAGGCAGAGGCTGAGTCCGCACATCACCTCCAGGCCCTCAGAACACC
 TGCCCCAGCCCCACCATGCTCATGGCGTCCACCACTTCCGGTAAGGCTTGCCCCCT
 CCATGAGTCCGGTGGGCAGAGTGGGTTTGACGATTCAGGGAAGCCCCCTCTTTCTA
 AAGACCTCCTTCACCCTCACCTCTGGGTGTGTCTCTCCAGGCTGCCAATGAGTGG
 40 GGAGGGGAGCACAGCCCCACTTCCCCGCCAGGGCTGGGGCTGGGGCTGGGGCTG
 GGGCTGCCCTTCCCTTCTGGACTGCATGAGCCTGGGGTGTGTATCCCTCATAACAT
 GGCTTTCCTGGAGTCCCCTCTGCTAGGAGCCAGGAAGTGGGTGTCCGGATGGGG
 GCACGGGAGGCAGGCCTGAGTCCCCCTGCACAGCACCCCTCTCTAACCAGGCCCTC
 TTCCCGACTCCTGCCAGCTGTGCCTGGGCATCCCTCTCTGCCAGCCTGCCAGC
 45 AACAGCAGCCAGGAGAGGCCACTGGACACCCGGGACCCGCTGCTAGCCCGGGCG
 GAGCTGGCGCTGCTCTCCATAGTCTTTGTGGCTGTGGCCCTGAGCAATGGCCTGG
 TGCTGGCGGCCCTAGCTCGGCGGGGCGGGCGGGGCGCCACTGGGCACCCATACAG
 TCTTCATTGGCCACTTGTGCCTGGCCGACCTGGCCGTGGCTCTGTTCCAAGTGCTG
 CCCAGCTGGCCTGGAAGGCCACCGACCGCTTCCGTGGGCCAGATGCCCTGTGTC

GGGCCGTGAAGTATCTGCAGATGGTGGGCATGTATGCCTCCTCCTACATGATCCT
 GGCCATGACGCTGGACCGCCACCGTGCCATCTGCCGTCCCATGCTGGCGTACCGC
 CATGGAAGTGGGGCTCACTGGAACCGGCCGGTGCTAGTGGCTTGGGCCTTCTCGC
 TCCTTCTCAGCCTGCCCCAGCTCTTCATCTTCGCCCAGCGCAACGTGGAAGGTGG
 5 CAGCGGGGTCACTGACTGCTGGGCCTGCTTTGCGGAGCCCTGGGGCCGTCGCACC
 TATGTCACCTGGATTGCCCTGATGGTGTTCGTGGCACCTACCCTGGGTATCGCCG
 CCTGCCAGGTGCTCATCTTCCGGGAGATTCATGCCAGTCTGGTGCCAGGGCCATC
 AGAGAGGCCTGGGGGGCGCCGCAGGGGACGCCGGACAGGCAGCCCCGGTGAGG
 GAGCCACAGTGTGAGCAGCTGTGGCCAAGACTGTGAGGATGACGCTAGTGATTG
 10 TGGTCGTCTATGTGCTGTGCTGGGCACCCTTCTTCCTGGTGCAGCTGTGGGGCCGC
 GTGGGACCCGGAGGCACCTCTGGAAGGTGGGTGTAGCCGTGGCTAGGGCTGACG
 GGGCCACTTGGGCTTGGCCGCATGCCCTGTGCCCCACCAGCCATCCTGAACCCA
 ACCTAGATCCTCCACCTCCACAGGGGCGCCCTTTGTGCTACTCATGTTGCTGGCC
 AGCCTCAACAGCTGCACCAACCCCTGGATCTATGCATCTTTCAGCAGCAGCGTGT
 15 CCTCAGAGCTGCGAAGCTTGCTCTGCTGTGCCCGGGGACGCACCCCAACCCAGCCT
 GGGTCCCCAAGATGAGTCCTGCACCACCGCCAGCTCCTCCCTGGCCAAGGACACT
 TCATCGTGAGGAGCTGTTGGGTGTCTTGCCCTCTAGAGGCTTTGAGAAGCTCAGCT
 GCCTTCCTGGGGCTGGTCCTGGGAGCCACTGGGAGGGGGACCCGTGGAGAATTG
 GCCAGAGCCTGTGGCCCCGAGGCTGGGACACTGTGTGGCCCTGGACAAGCCACA
 20 GCCCCTGCCTGGGTCTCCACATCCCCAGCTGTATGAGGAGAGCTTCAGGCCCCAG
 GACTGTGGGGGGCCCCCTCAGGTCAGCTCACTGAGCTGGGTGTAGGAGGGGGCTGCA
 GCAGAGGCCTGAGGAGTGGCAGGAAAGAGGGAGCAGGTGCCCCCAGGTGAGAC
 AGCGGTCCCAGGGGGCCTGAAAAGGAAGGACCAGGCTGGGGCCAGGGGACCTTCC
 TGTCTCCGCTTTCTAATCCCTCCCTCCTCATTCTCTCCCTAATAAAAATTGGAGC
 25 TCATTTTCCACATGGCAAGGGGTCTCCTTGGATCCTCT

SEQ ID NO: 268

>gi|28720|emb|X06989.1|HSAPA4R Human mRNA for amyloid A4(751) protein

GAATTCCCGCGGAGCAGCGTGCGCGGGGGCCCCGGGAGACGGCGGCGGTAGCGGC
 30 GCGGGCAGAGCAAGGACGCGGCGGATCCCCTCGCACAGCAGCGCACTCGGTGC
 CCCGCGCAGGGTTCGCGATGCTGCCCGGTTTGGCACTGCTCCTGCTGGCCGCCTGG
 ACGGCTCGGGCGCTGGAGGTACCCACTGATGGTAATGCTGGCCTGCTGGCTGAA
 CCCCAGATTGCCATGTTCTGTGGCAGACTGAACATGCACATGAATGTCCAGAATG
 GGAAGTGGGATTTCAGATCCATCAGGGACCAAAACCTGCATTGATACCAAGGAAG
 35 GCATCCTGCAGTATTGCCAAGAAGTCTACCCTGAACTGCAGATACCAATGTGGT
 AGAAGCCAACCAACCAGTGACCATCCAGAACTGGTGCAAGCGGGGGCCGCAAGCA
 GTGCAAGACCCATCCCCACTTTGTGATTCCCTACCGCTGCTTAGTTGGTGAGTTTG
 TAAGTGATGCCCTTCTCGTTCCCTGACAAGTGCAAATCTTACACCAGGAGAGGAT
 GGATGTTTGCGAACTCATCTTCACTGGCACACCGTCGCCAAAGAGACATGCAGT
 40 GAGAAGAGTACCAACTTGCATGACTACGGCATGTTGCTGCCCTGCGGAATTGAC
 AAGTTCCGAGGGGTAGAGTTTGTGTGTTGCCCACTGGCTGAAGAAAGTGACAAT
 GTGGATTCTGCTGATGCGGAGGAGGATGACTCGGATGTCTGGTGGGGCGGAGCA
 GACACAGACTATGCAGATGGGAGTGAAGACAAAGTAGTAGAAGTAGCAGAGGA
 GGAAGAAGTGGCTGAGGTGGAAGAAGAAGAAGCCGATGATGACGAGGACGATG
 45 AGGATGGTGATGAGGTAGAGGAAGAGGCTGAGGAACCCTACGAAGAAGCCACA
 GAGAGAACCACCAGCATTGCCACCACCACCACCACCACCACAGAGTCTGTGGAA
 GAGGTGGTTCGAGAGGTGTGCTCTGAACAAGCCGAGACGGGGCCGTGCCGAGCA
 ATGATCTCCCGCTGGTACTTTGATGTGACTGAAGGGAAGTGTGCCCCATTCTTTT
 ACGGCGGATGTGGCGGCAACCGGAACAACCTTGACACAGAAGAGTACTGCATGG

CCGTGTGTGGCAGCGCCATTCCTACAACAGCAGCCAGTACCCCTGATGCCGTTGA
CAAGTATCTCGAGACACCTGGGGATGAGAATGAACATGCCCATTTCAGAAAGC
CAAAGAGAGGCTTGAGGCCAAGCACCGAGAGAGAATGTCCCAGGTCATGAGAG
AATGGGAAGAGGCAGAACGTCAAGCAAAGAACTTGCCTAAAGCTGATAAGAAG
5 GCAGTTATCCAGCATTTCCAGGAGAAAGTGGAATCTTTGGAACAGGAAGCAGCC
AACGAGAGACAGCAGCTGGTGGAGACACACATGGCCAGAGTGGAAGCCATGCTC
AATGACCGCCGCCGCTGGCCCTGGAGAACTACATCACCGCTCTGCAGGCTGTTT
CTCCTCGGCCTCGTTCACGTGTTCAATATGCTAAAGAAGTATGTCCGCGCAGAAC
GAAGGACAGACAGCACACCCTAAAGCATTTTCGAGCATGTGCGCATGGTGGATCC
10 CAAGAAAGCCGCTCAGATCCGGTCCCAGGTTATGACACACCTCCGTGTGATTTAT
GAGCGCATGAATCAGTCTCTCTCCCTGCTCTACAACGTGCCTGCAGTGGCCGAGG
AGATTTCAGGATGAAGTTGATGAGCTGCTTCAGAAAGAGCAAACTATTCAGATG
ACGTCTTGGCCAACATGATTAGTGAACCAAGGATCAGTTACGGAACGATGCTCT
CATGCCATCTTTGACCGAAACGAAAACACCGTGGAGCTCCTTCCCGTGAATGGA
15 GAGTTCAGCCTGGACGATCTCCAGCCGTGGCATTCTTTTGGGGCTGACTCTGTGC
CAGCCAACACAGAAAACGAAGTTGAGCCTGTTGATGCCCGCCCTGCTGCCGACC
GAGGACTGACCACTCGACCAGGTTCTGGGTTGACAAATATCAAGACGGAGGAGA
TCTCTGAAGTGAAGATGGATGCAGAATTCCGACATGACTCAGGATATGAAGTTC
ATCATCAAAAATTGGTGTCTTTTGCAGAAGATGTGGGTCAAACAAAGGTGCAAT
20 CATTGGACTCATGGTGGGCGGTGTTGTATAGCGACAGTGATCGTCATCACCTTG
GTGATGCTGAAGAAGAAACAGTACACATCCATTTCATCATGGTGTGGTGGAGGTT
GACGCCGCTGTCACCCCAGAGGAGCGCCACCTGTCCAAGATGCAGCAGAACGGC
TACGAAAATCCAACCTACAAGTTCTTTGAGCAGATGCAGAACTAGACCCCGCC
ACAGCAGCCTCTGAAGTTGGACAGCAAAACCATTTGCTTCACTACCCATCGGTGTC
25 CATTTATAGAATAATGTGGGAAGAAACAAACCCGTTTTATGATTTACTCATTATC
GCCTTTTGACAGCTGTGCTGTAACACAAGTAGATGCCTGAACTTGAATTAATCCA
CACATCAGTAATGTATTCTATCTCTTTACATTTTGGTCTCTATACTACATTATTA
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30 GTTTGTGACCCAATTAAGTCCTACTTTACATATGCTTTAAGAATCGATGGGGGAT
GCTTCATGTGAACGTGGGAGTTCAGCTGCTTCTCTTGCCTAAGTATTCCTTTCTTG
ATCACTATGCATTTTAAAGTTAAACATTTTAAAGTATTCAGATGCTTTAGAGAG
ATTTTTTTTCCATGACTGCATTTTACTGTACAGATTGCTGCTTCTGCTATATTTGTG
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35 ACATTAGGCATTGAGACTTCAAGCTTTTCTTTTTTTGTCCACGTATCTTTGGGTCT
TTGATAAAGAAAAGAATCCCTGTTCATTGTAAGCACTTTTACGGGGCGGGTGGGG
AGGGGTGCTCTGCTGGTCTTCAATTACCAAGAATTC

SEQ ID NO: 269

40 >3107995H1
TAAACATCCCAAACTGGAGTTTTTCGAAGAGAAACATGCCAAACCTCCAGATGT
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TAAAAAGTTCTTTACAGACAGGAAGACTCATCTTTATACCCTTGTGATGAATCCA
GATGA
45 CACATTTGAGGTGTTAGTTGATCAAACAGTTGTAAACAAAGGAAGCCTCCTAGA
GGATGT
GGTTCCTCCTATCAAACCTCC

SEQ ID NO: 270

>gi|179579|gb|M17017.1|HUMBTLP Human beta-thromboglobulin-like protein mRNA, complete cds

5 ACAAACCTTTCAGAGACAGCAGAGCACACAAGCTTCTAGGACAAGAGCCAGGAAG
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GTGGCTCTCTTGGCAGCCTTCTGATTCTGCAGCTCTGTGTGAAGGTGCAGTTTT
GCCAAGGAGTGCTAAAGAACTTAGATGTCAGTGCATAAAGACATACTCCAAACC
TTTCCACCCCAAATTTATCAAAGAACTGAGAGTGATTGAGAGTGGACCACACTGC
GCCAACACAGAAATTATTGTAAAGCTTTCTGATGGAAGAGAGCTCTGTCTGGACC
10 CCAAGGAAAACCTGGGTGCAGAGGGTTGTGGAGAAGTTTTTGAAGAGGGCTGAGA
ATTCATAAAAAAATTCATTCTCTGTGGTATCCAAGAATCAGTGAAGATGCCAGTG
AACTTCAAGCAAATCTACTTCAACACTTCATGTATTGTGTGGGTCTGTTGTAGG
GTTGCCAGATGCAATACAAGATTCCTGGTTAAATTTGAATTTCAAGTAAACAATGA
ATAGTTTTTTCATTGTACCATGAAATATCCAGAACATACTTATATGTAAAGTATTAT
15 TTATTTGAATCTACAAAAACAACAAATAATTTTTGAATATAAGGATTTTCCTAG
ATATTGCACGGGAGAATATACAAATAGCAAAATTGGGCCAAGGGCCAAGAGAAT
ATCCGAACCTTTAATTTTCAGGAATTGAATGGGTTTGCTAGAATGTGATATTTGAAG
CATCACATAAAAATGATGGGACAATAAATTTTGCCATAAAGTCAAATTTAGCTGG
AAATCCTGGATTTTTTTCTGTAAATCTGGCAACCCTAGTCTGCTAGCCAGGATCC
20 ACAAGTCCTTGTTCCTACTGTGCCTTGGTTTCTCCTTTATTTCTAAGTGGAAAAAGT
ATTAGCCACCATCTTACCTCACAGTGATGTTGTGAGGACATGTGGAAGCACTTTA
AGTTTTTTCATCATAACATAAATTATTTTCAAGTGTAACTTATTAACCTATTTATT
ATTTATGTATTTATTTAAGCATCAAATATTTGTGCAAGAATTTGGAAAAATAGAA
GATGAATCATTGATTGAATAGTTATAAAGATGTTATAGTAAATTTATTTATTTTA
25 GATATTAAATGATGTTTTATTAGATAAATTTCAATCAGGGTTTTTAGATTAAACA
AACAAACAATTGGGTACCCAGTTAAATTTTCATTTTCAGATAAACAACAATAATT
TTTTAGTATAAGTACATTATTGTTTATCTGAAATTTTAATTGAACATAACAATCCTA
GTTTGATACTCCAGTCTTGTCATTGCCAGCTGTGTTGGTAGTGCTGTGTTGAATT
ACGGAATAATGAGTTAGAACTATTAAAACAGCCAAAACCTCCACAGTCAATATTA
30 GTAATTTCTTGCTGGTTGAACTTGTTTATTATGTACAAATAGATTCTTATAATAT
TATTTAAATGACTGCATTTTTTAAATACAAGGCTTTATATTTTTTAACTTTAAGATGT
TTTTATGTGCTCTCCAAATTTTTTTTACTGTTTCTGATTGTATGGAAATATAAAAG
TAAATATGAAACATTTAAAATATAATTTGTTGTCAAAGT

35 SEQ ID NO: 271

>gi|521214|gb|L33404.1|HUMSERPROT Human stratum corneum chymotryptic enzyme mRNA, complete cds

GGATTTCCGGGCTCCATGGCAAGATCCCTTCTCCTGCCCCCTGCAGATCCTACTGCT
ATCCTTAGCCTTGGAACCTGCAGGAGAAGAAGCCCAGGGTGACAAGATTATTGA
40 TGGCGCCCCATGTGCAAGAGGCTCCCACCCATGGCAGGTGGCCCTGCTCAGTGGC
AATCAGCTCCACTGCGGAGGCGTCCTGGTCAATGAGCGCTGGGGTGCTCACTGCCG
CCCACTGCAAGATGAATGAGTACACCGTGCACCTGGGCAGTGATACGCTGGGGCG
ACAGGAGAGCTCAGAGGATCAAGGCCTCGAAGTCATTCCGCCACCCCGGCTACT
CCACACAGACCCATGTTAATGACCTCATGCTCGTGAAGCTCAATAGCCAGGCCAG
45 GCTGTCATCCATGGTGAAGAAAGTCAGGCTGCCCTCCCGCTGCGAACCCCTGGA
ACCACCTGTACTGTCTCCGGCTGGGGCACTACCACGAGCCCAGATGTGACCTTTC
CCTCTGACCTCATGTGCGTGGATGTCAAGCTCATCTCCCCCAGGACTGCACGAA
GGTTTACAAGGACTTACTGGAAAATTCCATGCTGTGCGCTGGCATCCCCGACTCC
AAGAAAAACGCCTGCAATGGTGACTCAGGGGGACCGTTGGTGTGCAGAGGTACC

CTGCAAGGTCTGGTGTCTGCTGGGGAACCTTCCCTTGCGGCCAACCCAATGACCCAG
GAGTCTACACTCAAGTGTGCAAGTTCACCAAGTGGATAAATGACACCATGAAAA
AGCATCGCTAACGCCACACTGAGTTAATTAAGTGTGTGCTTCCAACAGAAAATGC
ACAGGAGTGAGGACGCCGATGACCTATGAAGTCAAATTTGACTTTACCTTTCCTC
5 AAAGATATATTTAAACCTCATGCCCTGTTGATAAACCAATCAAATTGGTAAAGAC
CTAAAACCAAAACAAATAAAGAAACACAAAACCTCAA

SEQ ID NO: 272

>2726949H1

10 GTAAAACGGTGGTCTCAATGCCCACTTAGCCTCTGCCTCTGAATTTGACCATAGT
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AATATCCAAGAGAAGATGAACTAAATGGAGAAATTGAAATACATCTACTGGAA
GAAAAGATCCAATTCCTGAAAATGAAGATTGCTGAGAAGCAAAGACAAATTTGT
15 GTGACCCAGAAATTACTGCCAGCCAAGAGG

SEQ ID NO: 273

>2726952H1

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20 AGAAGATGAACTAAATGGAGAAATTGAAATACATCTACTGGAAGAAAAGATCC
AATTCCTGAAAATGAAGATTGCTGAGAAGCAAAGACAAATTTGTGTGACCCAGA
AATTACTGCCAGCCAAGAGGTC

SEQ ID NO: 274

25 >gi|990907|gb|H51066.1|H51066 yp84g12.s1 Soares fetal liver spleen 1NFLS Homo sapiens
cDNA clone IMAGE:194182 3', mRNA sequence
TGAGCAGGTAACACCCAGGNCATTTTGATGAGATCCAAAGGAGTTGTATGCACA
TGAAAGTTTGAGAAGCATCATAGAGAAGTAAACATCACACCCAACTTCCTTA
TCTTTCCAGTGGCTAAACCACTTAACCTCTCTGGGTGTTACCTGCTCATTGTGTTA
30 AAAAAAAAAAAAAAAAAAGTCTCACCTGCTTTCATGCTGAGGNCAAGTTCAGATGTT
CAAGCCTATAATATTTNGGCAGTTCNCNAAATTTATGAAAAGNGTTCAGAAATT
GGGGAGACAGTCAAAGGGTNCAAAGCCTCAGTTAGGGGGGNTAAGTGTGATTTT
TTTTTAAAGNTCACTTGCACAGCCTGGCTAAATTTAGGGGTAAATTGGAATGTATA
TTTNCAA

SEQ ID NO: 275

>gi|2159230|gb|AA446565.1|AA446565 zw84b11.s1 Soares_total_fetus_Nb2HF8_9w Homo
sapiens cDNA clone IMAGE:783645 3', mRNA sequence

40 TTTTTTCAAATATATACATTTTAAATATTTGAAATATTTACATAATGGAACCACAT
CAGGGTTCGAGGGTAAGAACAGTGTTTTCAAATGTCCTCTCCAGGTGTGTTTAAA
AAAAAAAAAAAAATCCAGTAATCCAAAGCTCACATTATGCTTTTTCTAACAGGCCAA
TCTTTACCTTTCTTTTAAATAAGTACTCAGACATGGGAACAGTTGCATCTAATTTG
TGTGAAAAGCTGTTTAAACTTCTTACGTTTTTCAGGTAATTTTACTCCCTGGTGAA
ATTCTGATCTACAACGAAGAAAGCCCCAGGAATTTCTCTAAGCACATCATCAGTA
45 CATTTTTTAAACACTAATGAGCCAAGGTAAAACAAGATATAAACCTTCTACAAGA
CAAAAATGAAAACAAATGGTTAGTGGTTGGTAACTGCCTTGAA

SEQ ID NO: 276

>gi|749387|gb|T99650.1|T99650 ye73h09.s1 Soares fetal liver spleen 1NFLS Homo sapiens
cDNA clone IMAGE:123425 3', mRNA sequence

5 CAATAAAATGATTTATTTTATATATGCAAAATCAAAATCTCTTTGTACACTTTAAT
TTTTGCAAATTCATACAAACATAACAATACTGCTCCATATAAACTTTTGTATAAA
CATTAAAGGAAATATACACATATTTNGTTCTTCTTGTGCTTCCAAAGCACAGAAT
GTATAAGTCCATCTGAAGACTTTCTATCATCACATGCAAGAACAAATGTCAGAGG
TTGGGGGCGAGCCTCAAGTGCACCTTTGTAATGTCTCTAGACAAAAGAGAAGAGAG
10 TTGGAGGTAGGATTGTTTGGGTGACTCTCCCTGCCCTTCCCACAGAGGAAATAA
GGTTACCCCAAATAGGCAGCTTCTTACTTCTTTGGATTCAAACATCCTGGANTAT
TGCATGGGTTTTAAAAGGGCNCCAAC

SEQ ID NO: 277

>463614H1

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AGGAAGTAGCAGATCACTGGGCTGCAGATGGTTGGAGATGGAAAATAATGATAG
CAAATGCTAATAAGCCTGGTGTATTAACAGTTAATGGCAGCTGCTGAAGGGC
ACCCATGGCTTTGGTTGATTTATCTTGTGACAGCAGGAGTGCCAATAGCATTAAAT
TACTTCATTTTGT

20

SEQ ID NO: 278

>gi|31298|emb|Y00318.1|HSFACI Human mRNA for complement control protein factor I

GAGAGACAAAGACCCCGAACACCTCCAACATGAAGCTTCTTCATGTTTTCTGTT
ATTTCTGTGCTTCCACTTAAGGTTTTGCAAGGTCACCTTATACATCTCAAGAGGATC
25 TGGTGGAGAAAAAGTGCTTAGCAAAAAAATATACTCACCTCTCCTGCGATAAAG
TCTTCTGCCAGCCATGGCAGAGATGCATTGAGGGCACCTGTGTTTGTAACCTACC
GTATCAGTGCCCAAAGAATGGCACTGCAGTGTGTGCAACTAACAGGAGAAGCTT
CCCAACATACTGTCAACAAAAGAGTTTGAATGTCTTCATCCAGGGACAAAGTTT
TTAAATAACGGAACATGCACAGCCGAAGGAAAGTTTAGTGTTTCCTTGAAGCAT
30 GGAAATACAGATTCAGAGGGAATAGTTGAAGTAAACTTGTGGACCAAGATAAG
ACAATGTTTCATATGCAAAAGCAGCTGGAGCATGAGGGAAGCCAACGTGGCCTGC
CTTGACCTTGGGTTTCAACAAGGTGCTGATACTCAAAGAAGGTTTAAGTTGTCTG
ATCTCTCTATAAATTCCACTGAATGTCTACATGTGCATTGCCGAGGATTAGAGAC
CAGTTTGGCTGAATGTACTTTTACTAAGAGAAGAACTATGGGTTACCAGGATTTC
35 GCTGATGTGGTTTGTATACACAGAAAGCAGATTCTCCAATGGATGACTTCTTTC
AGTGTGTGAATGGGAAATACATTTCTCAGATGAAAGCCTGTGATGGTATCAATGA
TTGTGGAGACCAAAGTGATGAACTGTGTTGTAAAGCATGCCAAGGCAAAGGCTT
CCATTGCAAATCGGGTGTTCATTCGAAGCCAGTATCAATGCAATGGTGAGGTG
GACTGCATTACAGGGGAAGATGAAGTTGGCTGTGCAGGCTTTGCATCTGTGGCTC
40 AAGAAGAAACAGAAATTTTGAAGTGTGACATGGATGCAGAAAGAAGACGGATA
AAATCATTATTACCTAACTATCTTGTGGAGTTAAAAACAGAATGCACATTCGAA
GGAAACGAATTGTGGGAGGAAAGCGAGCACAACTGGGAGACCTCCCATGGCAG
GTGGCAATTAAGGATGCCAGTGAATCACCTGTGGGGGAATTTATATTGGTGGCT
GTTGGATTCTGACTGCTGCACATTGTCTCAGAGCCAGTAAACTCATCGTTACCA
45 AATATGGACAACAGTAGTAGACTGGATACACCCCGACCTTAAACGTATAGTAAT
TGAATACGTGGATAGAATTATTTCCATGAAAACATAATGCAGGCACTTACCAA
AATGACATCGCTTTGATTGAAATGAAAAAAGACGGAAACAAAAAAGATTGTGAG
CTGCCTCGTTCCATCCCTGCCTGTGTCCCCTGGTCTCCTTACCTATTCCAACCTAA
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AATCGTTTTCTATGAAAAAGAAATGGAATGTGCAGGTACATATGATGGTTCCATCG
ATGCCTGTAAAGGGGACTCTGGAGGCCCTTAGTCTGTATGGATGCCAACAATGT
GACTTATGTCTGGGGTGTGTGAGTTGGGGGGGAAACTGTGGAAAACCAGAGTT
5 CCCAGGTGTTTACACCAAAGTGGCCAATTATTTTGACTGGATTAGCTACCATGTA
GGAAGGCCTTTTATTTCTCAGTACAATGTATAAAATTGTGATCTCTCTCTTCATTC
TATTCTTTTTCTCTCAAGAGTTCCATTTAATGGAAATAAAACGGTATAATTAATAA
TTCTCTAGGGGGGAAAAATGAAGCAAATCTCATTGGATATTTTTTAAAGGTCTCCA
CAGAGTTTATGCCATATTGGAATTTTGTGTATAATTCTCNNGCGAATTC

10

SEQ ID NO: 279

>gi|181244|gb|M64349.1|HUMCYCD1 Human cyclin D (cyclin D1) mRNA, complete cds
GCAGTAGCAGCGAGCAGCAGAGTCCGCACGCTCCGGCGAGGGGCGAGAAGAGCG
CGAGGGAGCGCGGGGCAGCAGAAGCGAGAGCCGAGCGCGGACCCAGCCAGGAC
15 CCACAGCCCTCCCCAGCTGCCCAGGAAGAGCCCCAGCCATGGAACACCAGCTCC
TGTGCTGCGAAGTGGAAACCATCCGCCGCGCGTACCCCGATGCCAACCTCCTCAA
CGACCGGGTGCTGCGGGCCATGCTGAAGGCGGAGGAGACCTGCGCGCCCTCGGT
GTCCTACTTCAAATGTGTGCAGAAGGAGGTCTGCCGTCCATGCGGAAGATCGTC
GCCACCTGGATGCTGGAGGTCTGCGAGGAACAGAAGTGCGAGGAGGAGGTCTTC
20 CCGCTGGCCATGAACTACCTGGACCGCTTCCTGTCGCTGGAGCCCGTGAAAAAGA
GCCGCTGCAGCTGCTGGGGGCCACTTGCATGTTCTGCGCCTCTAAGATGAAGGA
GACCATCCCCCTGACGGCCGAGAAGCTGTGCATCTACACCGACGGCTCCATCCGG
CCCGAGGAGCTGCTGCAAATGGAGCTGCTCCTGGTGAACAAGCTCAAGTGGAAAC
CTGGCCGCAATGACCCCGCACGATTTCAFTGAACACTTCCTCTCCAAAATGCCAG
25 AGGCGGAGGAGAGAACAACAGATCATCCGCAAACACGCGCAGACCTTCGTTGCCT
CTTGTGCCACAGATGTGAAGTTCATTTCCAATCCGCCCTCCATGGTGGCAGCGGG
GAGCGTGGTGGCCGAGTGCAAGGCCTGAACCTGAGGAGCCCCAACAACTTCCT
GTCCTACTACCGCCTCACACGCTTCCTCTCCAGAGTGATCAAGTGTGACCCAGAC
TGCTTCCGGGCTGCCAGGAGCAGATCGAAGCCCTGCTGGAGTCAAGCCTGCGC
30 CAGGCCCAGCAGAACATGGACCCCAAGGCCGCGGAGGAGGAGGAAGAGGAGGA
GGAGGAGGTGGACCTGGCTTGCACACCCACCGACGTGCGGGACGTGGACATCTG
AGGGGCCCAGGCAGGCGGGCGCCACCGCCACCCGCGAGCGAGGGCGGAGCCGGC
CCCAGGTGCTCCACATGACAGTCCCTCCTCTCCGGAGCATTGATACCAGAAGG
GAAAGCTTCATTCTCCTTGTGTGTGTTGTTTTCCTTTGCTCTTTCCCCCTTCCA
35 TCTCTGACTTAAGCAAAAGAAAAAGATTACCCAAAAACTGTCTTTAAAAGAGAG
AGAGAGAAAAA
AA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

SEQ ID NO: 280

>gi|3004498|gb|U04357.1|HSU04357 Homo sapiens arginine vasopressin receptor type II,
V2 antidiuretic hormone receptor (AVPR2) gene, complete cds
CTTGCTCCTCAGGCAGAGGCTGAGTCCGCACATCACCTCCAGGCCCTCAGAACAC
CTGCCCCAGCCCCACCATGCTCATGGCGTCCACCACTTCGGTAAGGCTTGCCCC
TCCATGAGTCCGGTGGGCAGAGTGGGTTTGACGATTGAGGGAAGCCCCCTCTTTCT
45 AAAGACCTCCTTCACCCTCACCTCTGGGTGTGTCTCTCCAGGCTGCCAATGAGTG
GGGAGGGGAGCACAGCCCCACTTCCCCGCCAGGGCTGGGGCTGGGGCTGGGGCT
GGGGCTGCCCTTCCTTCTGGACTGCATGAGCCTGGGGTGTGTATCCCTCATAACA
TGGCTTTCCTGGAGTCCCCCTCTGCTAGGAGCCAGGAAGTGGGTGTCCGGATGGGG
GCACGGGAGGCAGGCCTGAGTCCCCCTGCACAGCACCTCTCTAACCAGGCCCTC

TTCCCGACTCCTGCCCAGCTGTGCCTGGGCATCCCTCTCTGCCCAGCCTGCCCAGC
 AACAGCAGCCAGGAGAGGGCCACTGGACACCCGGGACCCGCTGCTAGCCCGGGCG
 GAGCTGGCGCTGCTCTCCATAGTCTTTGTGGCTGTGGCCCTGAGCAATGGCCTGG
 TGCTGGCGGCCCTAGCTCGGCGGGGCGGCGGGGCCACTGGGCACCCATACACG
 5 TCTTCATTGGCCACTTGTGCCTGGCCGACCTGGCCGTGGCTCTGTTCCAAGTGCTG
 CCCCAGCTGGCCTGGAAGGCCACCGACCGCTTCCGTGGGCCAGATGCCCTGTGTC
 GGGCCGTGAAGTATCTGCAGATGGTGGGCATGTATGCCTCCTCCTACATGATCCT
 GGCCATGACGCTGGACCGCCACCGTGCCATCTGCCGTCCCATGCTGGCGTACCGC
 CATGGAAGTGGGGCTCACTGGAACCGGCCGGTGCTAGTGGCTTGGGCCCTTCTCGC
 10 TCCTTCTCAGCCTGCCCCAGCTCTTCATCTTCGCCCAGCGCAACGTGGAAGGTGG
 CAGCGGGGTCACTGACTGCTGGGCCTGCTTTGCGGAGCCCTGGGGCCGTCGCACC
 TATGTCACCTGGATTGCCCTGATGGTGTTCGTGGCACCTACCCTGGGTATCGCCG
 CCTGCCAGGTGCTCATCTTCCGGGAGATTCATGCCAGTCTGGTGCCAGGGCCATC
 AGAGAGGCCTGGGGGGCGCCGCAGGGGACGCCGGACAGGCAGCCCCGGTGAGG
 15 GAGCCCACGTGTCAGCAGCTGTGGCCAAGACTGTGAGGATGACGCTAGTGATTG
 TGGTCGTCTATGTGCTGTGCTGGGCACCCCTTCTTCCTGGTGCAGCTGTGGGCCGC
 GTGGGACCCGGAGGCACCTCTGGAAGGTGGGTGTAGCCGTGGCTAGGGCTGACG
 GGGCCACTTGGGCTTGGCCGCATGCCCCCTGTGCCCCACCAGCCATCCTGAACCCA
 ACCTAGATCCTCCACCTCCACAGGGGCGCCCTTTGTGCTACTCATGTTGCTGGCC
 20 AGCCTCAACAGCTGCACCAACCCCTGGATCTATGCATCTTTCAGCAGCAGCGTGT
 CCTCAGAGCTGCGAAGCTTGCTCTGCTGTGCCCGGGGACGCACCCCAACCAGCCT
 GGGTCCCCAAGATGAGTCCTGCACCAACCGCCAGCTCCTCCCTGGCCAAGGACACT
 TCATCGTGAGGAGCTGTTGGGTGTCTTGCCCTCTAGAGGCTTTGAGAAGCTCAGCT
 GCCTTCCTGGGGCTGGTCCTGGGAGCCACTGGGAGGGGGACCCGTGGAGAATTG
 25 GCCAGAGCCTGTGGCCCCGAGGCTGGGACACTGTGTGGCCCTGGACAAGCCACA
 GCCCCTGCCTGGGTCTCCACATCCCCAGCTGTATGAGGAGAGCTTCAGGCCCCAG
 GACTGTGGGGGGCCCCCTCAGGTCAGCTCACTGAGCTGGGTGTAGGAGGGGCTGCA
 GCAGAGGCCTGAGGAGTGGCAGGAAAGAGGGAGCAGGTGCCCCCAGGTGAGAC
 AGCGGTCCCAGGGGCCTGAAAAGGAAGGACCAGGCTGGGGCCAGGGGACCTTCC
 30 TGTCTCCGCCTTTCTAATCCCTCCCTCCTCATTCTCTCCCTAATAAAAATTGGAGC
 TCA

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>4161733H1

35 CAGCACCATCGCAACCAGTGCCAGTACTGCCGCCTCAAAAAGTGCCTCAAAGTG
 GGCATGAGACGGGAAGGTATCGGCCTCTCATTCTCCTTCCCTCGTCCTGGGTCC
 CGGGGTCTTGGGTACGTTTGGCTAGCCTGCTCTGGGTAAGGACAAGAAGCCCCA
 AGCTCTTCTCTTCGTATTGCAGCGGAAAAGGGTTTTATACTAGAAGCGAGTTCTG
 CATTGGAACCCAGACCCCAAATCCGCATGCTTT

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SEQ ID NO: 282

>gi|183866|gb|M60278.1|HUMHBEGF Human heparin-binding EGF-like growth factor mRNA, complete cds

45 GCTACGCGGGCCACGCTGCTGGCTGGCCTGACCTAGGCGCGCGGGGTCTGGGCGG
 CCGCGCGGGCGGGCTGAGTGAGCAAGACAAGACACTCAAGAAGAGCGAGCTGC
 GCCTGGGTCCCGGCCAGGCTTGCACGCAGAGGCGGGCGGCAGACGGTGCCCGGC
 GGAATCTCCTGAGCTCCGCCGCCAGCTCTGGTGCCAGCGCCCACTGGCCGCCGC
 TTCGAAAGTGACTGGTGCCTCGCCGCCTCCTCTCGGTGCGGGACCATGAAGCTGC
 TGCCGTGCGGTGGTGCTGAAGCTCTTTCTGGCTGCAGTTCTCTCGGCACTGGTGACT

GGCGAGAGCCTGGAGCGGCTTCGGAGAGGGCTAGCTGCTGGAACCAGCAACCCG
 GACCCTCCCCTGTATCCACGGACCAGCTGCTACCCCTAGGAGGCGGCGGGAC
 CGGAAAGTCCGTGACTTGCAAGAGGCAGATCTGGACCTTTTGAGAGTCACTTTAT
 CCTCCAAGCCACAAGCACTGGCCACACCAAACAAGGAGGAGCACGGGAAAAGA
 5 AAGAAGAAAGGCAAGGGGCTAGGGAAGAAGAGGGACCCATGTCTTCGGAAATA
 CAAGGACTTCTGCATCCATGGAGAATGCAAATATGTGAAGGAGCTCCGGGCTCC
 CTCCTGCATCTGCCACCCGGGTACCATGGAGAGAGGTGTCATGGGCTGAGCCTC
 CCAGTGGAAAATCGCTTATATACCTATGACCACACAACCATCCTGGCCGTGGTGG
 CTGTGGTGTCTGTCATCTGTCTGTCTGCTGGTCATCGTGGGGCTTCTCATGTTTAGG
 10 TACCATAGGAGAGGAGGTTATGATGTGGAAAATGAAGAGAAAGTGAAGTTGGGC
 ATGACTAATTCCCCTGAGAGAGACTTGTGCTCAAGGAATCGGCTGGGGACTGCT
 ACCTCTGAGAAGACACAAGGTGATTTTCAGACTGCAGAGGGGAAAGACTTCCATC
 TAGTCACAAAGACTCCTTCGTCCCCAGTTGCCGTCTAGGATTGGGCCTCCCATAA
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 15 ATCTGGGTAAGAAGAAAGCAAAAGCAAGGGACCTTCATGCCCTTCTGATTCCCCT
 CCACCAAACCCCACTTCCCCTCATAAGTTTGTTTAAACACTTATCTTCTGGATTAG
 AATGCCGGTTAAATTCCATATGCTCCAGGATCTTTGACTGAAAAAAAAAAGAA
 GAAGAAGAAGGAGAGCAAGAAGGAAAGATTTGTGAACTGGAAGAAAGCAACAA
 AGATTGAGAAGCCATGTACTCAAGTACCACCAAGGGATCTGCCATTGGGACCCT
 20 CCAGTGTCTGGATTTGATGAGTTAACTGTGAAATACCACAAGCCTGAGAAGTGAAT
 TTTGGGACTTCTACCCAGATGGAAAAATAACAACATATTTTTGTTGTTGTTGTTGT
 AAATGCCTCTTAAATTATATATTTATTTATTTCTATGTATGTTAATTTATTTAGTTT
 TTAACAATCTAACAATAATATTTCAAGTGCCTAGACTGTTACTTTGGCAATTECCT
 GGCCCTCCACTCCTCATCCCCACAATCTGGCTTAGTGCCACCCACCTTTGCCACA
 25 AAGCTAGGATGGTTCTGTGACCCATCTGTAGTAATTTATTGTCTGTCTACATTTCT
 GCAGATCTTCCGTGGTCAGAGTGCCACTGCGGGAGCTCTGTATGGTCAGGATGTA
 GGGGTAACTTGGTCAGAGCCACTCTATGAGTTGGACTTCAGTCTTGCCTAGGCG
 ATTTTGTCTACCATTTGTGTTTTGAAAGCCCAAGGTGCTGATGTCAAAGTGTAAC
 AGATATCAGTGTCTCCCCGTGTCCTCTCCCTGCCAAGTCTCAGAAGAGGTTGGGC
 30 TTCCATGCCTGTAGCTTTCCTGGTCCCTCACCCCATGGCCCCAGGCCACAGCGT
 GGGAAGTCACTTTCCTTGTGTCAAGACATTTCTCTAACTCCTGCCATTCTTCTGG
 TGCTACTCCATGCAGGGGTCAGTGCAGCAGAGGACAGTCTGGAGAAGGTATTAG
 CAAAGCAAAAGGCTGAGAAGGAACAGGGAACATTGGAGCTGACTGTTCTTGTA
 ACTGATTACCTGCCAATTGCTACCGAGAAGGTTGGAGGTGGGGAAGGCTTTGTAT
 35 AATCCCACCCACCTCACCAAAACGATGAAGGTATGCTGTCTATGGTCTTTCTGGA
 AGTTTCTGGTGCCATTTCTGAACTGTTACAACCTTGATTTCCAAACCTGGTTCATA
 TTTATACTTTGCAATCCAAATAAAGATAACCCTTATTCCATAAAAAAAAAAAAAA
 AAAA

40 SEQ ID NO: 283

>gi|35039|emb|X61498.1|HSNFKBS H.sapiens mRNA for NF-kB subunit
 ACTTTCCTGCCCCCTTCCCCGGCCAAGCCCAACTCCGGATCTCGCTCTCCACCGGAT
 CTCACCCGCCACACCCGGACAGGCGGCTGGAGGAGGCGGGCGTCTAAAATTCTG
 GGAAGCAGAACCTGGCCGGAGCCACTAGACAGAGCCGGGCCTAGCCCAGAGAC
 45 ATGGAGAGTTGCTACAACCCAGGTCTGGATGGTATTATTGAATATGATGATTTCA
 AATTGAACTCCTCCATTGTGGAACCCAAGGAGCCAGCCCCAGAAACAGCTGATG
 GCCCCTACCTGGTGATCGTGGAACAGCCTAAGCAGAGAGGCTTCCGATTTGATA
 TGGCTGTGAAGGCCCTCCCATGGAGGACTGCCCGGTGCCTCCAGTGAGAAGGG
 CCGAAAGACCTATCCCCTGTCAAGATCTGTAACCTACGAGGGACCAGCCAAGAT

CGAGGTGGACCTGGTAACACACAGTGACCCACCTCGTGCTCATGCCCACAGTCTG
GTGGGCAAGCAATGCTCGGAGCTGGGGATCTGCGCCGTTTCTGTGGGGGCCAAG
GACATGACTGCCCAATTTAACAACCTGGGTGTCCTGCATGTGACTAAGAAGAAC
ATGATGGGGACTATGATACAAAACTTCAGAGGCAGCGGCTCCGCTCTAGGCC
5 CAGGGCCTTACGGAGGCCGAGCAGCGGGAGCTGGAGCAAGAGGCCAAAGA
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CAGCAGGCTCTGTGCGGGGTGGAGATGAAGTTTATCTGCTTTGTGACAAGGTGCA
10 GAAAGATGACATTGAGGTTTCGGTTCTATGAGGATGATGAGAATGGATGGCAGGC
CTTTGGGGACTTCTCTCCACAGATGTGCATAAACAGTATGCCATTGTGTTCCGG
ACACCCCCCTATCACAAGATGAAGATTGAGCGGCCTGTAACAGTGTTTCTGCAAC
TGAAACGCAAGCGAGGAGGGGACGTGTCTGATTCCAAACAGTTCACCTATTACC
CTCTGGTGGAAGACAAGGAAGAGGTGCAGCGGAAGCGGAGGAAGGCCTTGCCC
15 ACCTTCTCCAGCCCTTCGGGGGTGGCTCCACATGGGTGGAGGCTCTGGGGGTG
CAGCCGGGGGCTACGGAGGAGCTGGAGGAGGTGGCAGCCTCGGTTTCTTCCCCT
CCTCCCTGGCCTACAGCCCCTACAGTCCGGCGCGGGCCCCATGCGGTGCTACCC
GGGAGGCGGGGGCGGGGCGCAGATGGCCGCCACGGTGCCCAGCAGGGACTCCG
GGGAGGAAGCCGCGGAGCCGAGCGCCCCCTCAGGACCCCCCAGTGCGAGCCGC
20 AGGCCCCGGAGATGCTGCAGCGAGCTCGAGAGTACAACGCGCGCCTGTTCGGCC
TGGCGCACGCAGCCCCGAGCCCTACTCGACTACTGCGTCACCGCGGACGCCGCG
CGCTGCTGGCGGGACAGCGCCACCTGCTGACGGCGCAGGACGAGAACGGAGACA
CAGCACTGCACCTAGCCATCATCCACGGGCAGACCAGTGTCATTGAGCAGATAGT
CTATGTATCCACCACGCCAGGACCTCGGCGTTGTCAACCTCACCAACCACCTG
25 CACCAGACGCCCTGCACCTGGCGGTGATCACGGGGCAGACGAGTGTTGGTGAGC
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30 TGCTGGTGGACAGTGGGGCTGAAGTGGAGGCCACAGAGCGGCAGGGGGGACGA
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35 CCCTACCTCTGATAGCGACTCGGACTCTGAAGGGCCTGAGAAGGACACCCGAAG
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40 GGCTGCGCAGCCTGGTAGACACGTACCGACAGACAACCTCACCCAGTGGCAGCC
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TGTCTGACATGGGCCTAGAGGAGGGAGTGAGGCTGCTGAGGGGTCCAGAAACCC
GAGACAAGCTGCCCAGCACAGAGGTGAAGGAAGACAGTGCGTACGGGAGCCAG
TCAGTGGAGCAGGAGGCAGAGAAGCTGGGCCCACCCCTGAGCCACCAGGAGG
45 GCTCTCGCACGGGCACCCCCAGCCTCAGGTGACTGACCTGCTGCCTGCCCCCAGC
CCCCTTCCCGGACCCCTGTACAGCGTCCCCACCTATTTCAAATCTTATTTAACAC
CCCACACCCACCCCTCAGTTGGGACAAATAAAGGATTCTCATGGGAAGGGGAGG
ACCCCGAATTCCT

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>gi|183537|gb|M37724.1|HUMGPLEU02 Human MDR1/P-glycoprotein gene, exon 7

GCCATAAACTACCCTACACTCAAAACAGGCTTCACGAGAAAAGTTGATGTTTAAAC
ATTCTGACAATTATTTCTAACACTATCTGTTCTTTTCAGTGATGTCTCCAAGATTAA
5 TGAAGGAATTGGTGACAAAATTGGAATGTTCTTTTCAGTCAATGGCAACATTTTTC
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SEQ ID NO: 285

>1322305T6

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10 TGTCTCTTTGTTGTCCACCAGGGGGGCGCCACCTCCAGCCCCGCCCCAGCCTCA
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CGGGCCCCCTAGTACCCTCTTTCCCAGGGACCCAGGAGTCCTGCCTCCAGTCGCCT
GCACTTGTAACCTGAGAGCTGGAGGTCGTCCATAGCAGCATAGTGAGAGTGTTTTT
15 GATGAGGGTATGCAGAGTGGGGGTGACCATGTTCCACCTGGGGCCTCAGGTGG
GCCAAGGCCTACCCACTTTAGCCAGCGTCCCCTCCAGCAGCCATCAGCAAGCCAA
CCCCTCCAAGCCAGGGCCCCCTTTGGTCTTGCACTTGAGGTGCTTTGTTCAGG
GCTGGGTGAGGAGTGGCAGAGACGATGTCCAACAACCTCAGTACTGGGGGAAAA
GTAGCCTGG

SEQ ID NO: 286

>1284795H1

GTGTGAGAAGACTGGCTAGTGTGGAAGCATAGTGAACACACTGATTAGGTTATG
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25 AAGTGTACATGTGTGAAAACAATATTGTATACTACCATAGTGAGCCATGA

SEQ ID NO: 287

>349590H1

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TGGTGACAGAGGACTGGTATTAATAATCTAGAGCAAAGCATCATGCAATATCTGC
TGTATTAGCAAAACCATTCATTTTTTGCTGATAAACCTTGNTAGTTCAATATGAA
GTAAATTTTCAAGATGGTATTGATTGTGGAGGTGCATACATTAACTCCTAG

SEQ ID NO: 288

>gi|181075|gb|M28638.1|HUMCRYABA Human alpha-B-crystallin gene, 5' end

GTCGACACCACCCAAAATAGTGCCGAGCCTCTTGGGGGGGGGAGGGGCTGGGAGT
GGGGGCCCTGAGTGAGAGCAACGAGGGTGTGACCAGCGCCGCCCCGACCCCTAG
TCCCCTCCCCCGCACACTCTTCAGCTGTCGCAGGGGGCCTGAGAGGACAGCTGAG
40 GGTCTTGCTGGGAACGAGCTGGGGAGGGGGAGCTGGTGGTGCCTGGGGCATGA
AGAGGCCTCGCTGAGACCCTCACAAACGGTTTGCACGTTTCCACACCTCATTTTC
TCCTCTTCGGTGGCAGGCACTGTGCACCCAATTCTTAAAGCACTCCTGGATTAA
TGTTCTGAGAGCCACATAGAACGAAAGATGCAAGAAATCTGTTTGCTCTTTTTTC
AGGGGGTGGGGTCTTTCTGCCAGATGTGGGATCCTCTCCTAAACCCAGGTCAAC
45 CCAGGGCACGAGGCAGATGGCTGGTGCTGACATGTTGACCATCACTGCTCTCTTC
CAAGGACTCACAAAGAGTTAATGTCCCTGGGGCTCAGCCTAGGAAGATTCCAGT
CCCTGCCAGGCCCAAGATAGTTGCTGGCCTGATTCCCCTGGCATTACGAGCTGG
AAAGGAGGAGGAGGGGCACACTACGCCGGCTCCCATCCTCCCCCACCCTCGCGT
GCCTGCTTGGGATTCTGACTCTGTACCAGCTTCAGAGAACAGGGGTGGGGGTGG

GTGCCATTGGGTGTGGACAGAAAGCTAGTGAAACAAGACCATGACAAGTCACTG
GCCGGCTCAGACGTGTTTGTGTCTCTCTTTTCTTAGCTCAGTGAGTACTGGGTATG
TGTCACATTGCCAAATCCCGGATCACAAGTCTCCATGAACTGCTGGTGAGCTAGG
ATAATAAAACCCCTGACATCACCATTCCAGAAGCTTCACAAGACTGCATATATAA
5 GGGGCTGGCTGTAGCTGCAGCTGAAGGAGCTGACCAGCCAGCTGACCCCTCACA
CTCACCTAGCCACCATGGACATCGCCATCCACCACCCCTGGATCCGCCGCCCTT
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10 TCCCCACAGCTAGGACGGGAGAGTCTTACTGGAACCTCCTGGAACTTCTCCAT
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15 AGGGAAAGAGCTGCCTTCAAACCTTTGCTTATCTCTTCCAACACCTTGGACTCT
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GAGCTGTTTCATCCCCATGGGTATTTTCTGCCTTTCTATTCCCTCTTCTATGATTTTC
TGGGTTTCTCAGGGCTACGACAGGGCGCTGGCCTGGGTCCAATCAAGCCCTACGA
GGAAACAATATAGGGACGCCCATTTGTCTAAGAGGGTGGGAAGAACAGGGTGAA
20 CAAATAAGGTTGACAGAGCTGTCACAGATAAACTCTGGTTTAAAAATATTCAA
GTGTGAGTAAACAGGAGCTGAGTGGGCAAGGGCTTTGGAAGGACAAGCAGGAC
CAGCAGAACATTCCAGATTGGGTGGGTGGAAAACTGGCAAAGAGACCTGAGCCA
GAAGAAGAGGCCTTTGTCTCACAGACAAACCACAAAGCCAGGCATTGGAGTCAG
AGAGGCAGCAGATGCCAGGCTTGCACCCATCCTTGCGACTGGTCCCCTGGGTGAT
25 CTGTCTTCTTCTCTGTCCCTGTAAATAAAGTTTGGGTCTGATCACCATGAGCCTTA
GGTATCACTGTGGTGGCTCCCTGAAGCAGACAGCTATGTTTATTTAAAAAGGAGA
TTTTTTAAGCAGAGAAGAGAAGGATGAATTACCCGGACAGAAAGCAGCTCTGCA
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30 GGATGTGAAGCACTTCTCCCCAGAGGAACCTCAAAGTTAAGGTGTTGGGAGATGT
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35 GCCAGAGATGTGGCCTTTGATTTGATCGCCTTAGATGGGATGATGGGATGCTGAT
GCCCCATTTAAGCCAGTGGTTCTGAATCTGGGCCACATTAGAATCACCAGGGGAA
CTTTCAAAAACCTAATGCTCGGGCATCCTCCAGACCAATTAGCATATGTGCTGCC
GAAGCGAGCACTACTCCAGACCAATTAAATCAGCATTTTAAAGGGTGGGACCCA
GGCATCAGCAATTTTAAAGGTAATTCTAATCTACAGTCAAGGTTGAGAACCACTG
40 ATTAGGTATAGGGCTGTCAGACACCTAGTTGCTTTGCATAATTACATTAACCTACA
GGTACCCTAAAAGCACTTGAGTTGTGACTTCTCTTTTAGCTGTGCAAGAATCCGT
GTCTCTTCTTTAGCCCATCTTAATGCTGAACTACTTGGTTTGTCTAAATTTACAGAG
CTGTGCTCAGTCTTTAATCCCCTACAGCCCATGTGGTAATCAGTTAACGAGAGCC
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45 TTGGGGGAGTTCTGACAAATGGAACAGCTTGTTATGACTTTATAAGAGGGCTTTA
AAATTGCTTCTCACCATTAAACGATAGCTCAGAACCTGTGCGTCAACCAGTACAG
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GCTTCCTCAGGGACTCAGATTCTAAATGAGATTCCAAATTCTGTAGGCCAGCCA
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5 TTTTTCCTATGTTGTCATGGCATTGTTGGTCTCACCTAAGGGGAAATCAGGATGCCTG
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10 CCCATCACCCGTGAAGAGAAGCCTGCTGTCACCGCAGCCCCCAAGAAATAGATG
CCCTTTCTTGAATTGCATTTTTTAAAACAAGAAAGTTTCCCCACCAGTGAATGAA
AGTCTTGTGACTAGTGCTGAAGCTTATTAATGCTAAGGGCAGGCCCAAATTATCA
AGCTAATAAAATATCATTACAGCAACAGATAACTGTCTTGTGTTTGAATATTCCAC
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15 TTAGAGGGCTCCAAGGATTTTAGAGT

SEQ ID NO: 289

>gi|1398343|gb|W85914.1|W85914 zh52c10.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:415698 3', mRNA sequence

20 TTGTAAATGTAGACAGTTTTAATTGTAGTATCAGAAACTGGTGGGGAGGAAACA
AATTGTGGTATATTCATACAATGGAAAACCTCTTCAGAAATAAGAAGGAACAAAC
CACTGAATCACACAACATGGACAAATCTCAAATCATTATGCTGATGGAAAGAAA
CCATTTCATAAGAATACACAGTACATGACGCCGCTTTCATGATGTTCTGGAACAAA
GAAAACCTAACCTATAGTGATAGAATTCCTATCAATGGCTGCCAACAATCGGGAG
25 TGAAAGGAACTGACTGAGCAGGTATACAAGAGAACCTTCTGGGGTGATGGAAAT
ATTCTGAAGCTTGACTGGAGTGTTGGTTACATGGGTATATCNATTTATCAAACT
CACTGAATTGTATATTTAAAGTAGGAACATTTTATTGTAAATAAATTACCCNCTA
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AAAT

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SEQ ID NO: 290

>3526532H1

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35 ATCAGAAGCAAGCAACTTTGACTGCTGTCTTGGATACACAGACCGTATTCTTCAT
CCTAAATTTATTGTGGGCTTCACACGGCAGCTGGCCAATGAAGGCTGTGACATCA
ATGCTATGATCTTTCACACAAAGAACAAGTTGTCTGTGTGCGCA

SEQ ID NO: 291

40 >gi|186351|gb|M54894.1|HUMIL6CSF Human interleukin 6 mRNA, complete cds
GAATTCCGGGAACGAAAGAGAAGCTCTATCTCCCCTCCAGGAGCCCAGCTATGA
ACTCCTTCTCCACAAGCGCCTTCGGTCCAGTTGCCCTTCTCCCTGGGGCTGCTCCTG
GTGTTGCCTGCTGCCTTCCCTGCCCCAGTACCCCCAGGAGAAGATTCCAAAGATG
TAGCCGCCCCACACAGACAGCCACTCACCTCTTCAGAACGAATTGACAAACAAA
45 TTCGGTACATCCTCGACGGCATCTCAGCCCTGAGAAAGGAGACATGTAACAAGA
GTAACATGTGTGAAAGCAGCAAAGAGGGCACTGGCAGAAAACAACCTGAACCTTC
CAAAGATGGCTGAAAAAGATGGATGCTTCCAATCTGGATTCAATGAGGAGACTT
GCCTGGTGAAAATCATCACTGGTCTTTTGGAGTTTGGAGGTATACCTAGAGTACCT
CCAGAACAGATTTGAGAGTAGTGAGGAACAAGCCAGAGCTGTGCAGATGAGTAC

AAAAGTCCTGATCCAGTTCCTGCAGAAAAAGGCAAAGAATCTAGATGCAATAAC
 CACCCCTGACCCAACCACAAATGCCAGCCTGCTGACGAAGCTGCAGGCACAGAA
 CCAGTGGCTGCAGGACATGACAACTCATCTCATTCTGCGCAGCTTTAAGGAGTTC
 CTGCAGTCCAGCCTGAGGGCTCTTCGGCAAATGTAGCATGGGCACCTCAGATTGT
 5 TGTGTGTTAATGGGCATTTCCTTCTTCTGGTCAGAAACCTGTCCACTGGGCACAGAA
 CTTATGTTGTTCTCTATGGAGAACTAAAAGTATGAGCGTTAGGACACTATTTTAA
 TTATTTTAAATTTATTAATATTTAAATATGTGAAGCTGAGTTAATTTATGTAAGTC
 ATATTTATATTTTAAAGAAGTACCACTTGAAACATTTTATGTATTAGTTTTGAAAT
 AATAATGGAAAGTGGCTATGCAGTTTGAATATCCTTTGTTTCAGAGCCAGATCAT
 10 TTCTTGAAAGTGTAGGCTTACCTCAAATAAATGGCTAACTTATACATATTTTAA
 AAGAAATATTTATATTGTATTTATATAATGTATAAATGGTTTTTATACCAATAAAT
 GGCATTTTAAAAAATTC

SEQ ID NO: 292

15 >14611 BLOOD Hs.82109 gnl|UG|Hs#S269762 H.sapiens syndecan-1 gene (exons 2-5)
 /cds=(0,866) /gb=Z48199 /gi=666051 /ug=Hs.82109 /len=2802
 CAAATTGTGGCTACTAATTTGCCCCCTGAAGATCAAGATGGCTCTGGGGATGACT
 CTGACAACTTCTCCGGCTCAGGTGCAGGTGCTTTGCAAGATATCACCTTGTCACA
 GCAGACCCCTCCACTTGGAAGGACACGCAGCTCCTGACGGCTATTCCCACGTCT
 20 CCAGAACCCACCGGCCTGGAGGCTACAGCTGCCTCCACCTCCACCCTGCCGGCTG
 GAGAGGGGCCCAAGGAGGGAGAGGCTGTAGTCCTGCCAGAAGTGGAGCCTGGC
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 CCGACCACTCATCAGGCCTCAACGACCACAGGCCACCGGCCAGGAGCCCGCC
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 25 CAGGACCCAGCCAAGCTGACCTTCACACTCCCCACACAGAGGATGGAGGTCCTT
 CTGCCACCGAGAGGGCTGCTGAGGATGGAGCCTCCAGTCAGCTCCCAGCAGCAG
 AGGGCTCTGGGGAGCAGGACTTCACCTTTGAAACCTCGGGGGAGAATACGGCTG
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 CGGGGGCCTCACAGGGCCTCCTGGACAGGAAAGAGGTGCTGGGAGGGGTTCATTG
 30 CCGGAGGCCTCGTGGGGCTCATCTTTGCTGTGTGCCTGGTGGGTTTCATGCTGTA
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 CCAACGGCGGGGCTTACCAGAAGCCCAACAAACAGGAGGAATTCTATGCCTGAC
 GCGGGAGCCATGCGCCCCCTCCGCCCTGCCACTCACTAGGCCCCCACTTGCTCT
 TCCTTGAAGAACTGCAGGCCCTGGCCTCCCCTGCCACCAGGCCACCTCCCCAGCA
 35 TTCCAGCCCCTCTGGTCGCTCCTGCCCACGGAGTCGTGGGTGTGCTGGGAGCTCC
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 CCAAACCTGAAGCAGCCTCTCCCCAGGTCCAGCTCTGGAGGGGAGGGGGATCCGA
 CTGCTTTGGACCTAAATGGCCTCATGTGGCTGGAAGATCCTGCGGGTGGGGCTTG
 40 GGGCTCACACACCTGTAGCACTTACTGGTAGGACCAAGCATCTTGGGGGGGTGG
 CCGCTGAGTGGCAGGGGACAGGAGTCACTTTGTTTCGTGGGGAGGTCTAATCTAG
 ATATCGACTTGTTTTTGCACATGTTTCTCTAGTTCTTTGTTTCATAGCCCAGTAGA
 CTTTGTACTTCTGAGGTAAGTTAAGTAAGTTGATTTCGGTATCCCCCATCTTGCT
 TCCCTAATCTATGGTCGGGAGACAGCATCAGGGTTAAGAAGACTTTTTTTTTTTT
 45 TTTAAACTAGGAGAACCAAATCTGGAAGCCAAAATGTAGGCTTAGTTTGTGTGT
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 GCCCCGTTCTGGTGGTCTGTTGGCAGGCTGGCCAGTCCAGGCTGCCGTGGGGCCG
 CCGCCTCTTTCAAGCAGTCGTGCCTGTGTCCATGCGCTCAGGGCCATGCTGAGGC
 CTGGGCCGCTGCCACGTTGGAGAAGCCCGTGTGAGAAGTGAATGCTGGGACTCA

GCCTTCAGACAGAGAGGACTGTAGGGAGGGCGGCAGGGGCCTGGAGATCCTCCT
GCAGGCTCACGCCCGTCCTCCTGTGGCGCCGTCTCCAGGGGCTGCTTCCTCCTGG
AAATTGACGAGGGGTGTCTTGGGCAGAGCTGGCTCTGAGCGCCTCCATCCAAGG
CCAGGTTCTCCGTTAGCTCCTGTGGCCCCACCCTGGGCCCTGGGCTGGAATCAGG
5 AATATTTTCCAAAGAGTGATAGTCTTTTGCTTTTGGCAAACTCTACTTAATCCAA
TGGGTTTTTCCCTGTACAGTAGATTTTCCAAATGTAATAAACTTTAATAATAAAGTA
GTCTGTGAATGCCACTGCCTTCGCTTCTTGCCTCTGTGCTGTGTGTGACGTGACCG
GACTTTTCTGCAAAACACCAACATGTTGGGAAACTTGGCTCGAATCTCTGTGCCTT
CGTCTTTCCCATGGGGAGGGATTCTGGTTCCAGGGTCCCTCTGTGTATTTGCTTTT
10 TTGTTTTGGCTGAAATTCTCCTGGAGGTCGGTAGGTTTCAGCCAAGGTTTTATAAG
GCTGATGTCAATTTCTGTGTTGCCAAGCTCCAAGCCCATCTTCTAAATGGCAAAG
GAAGGTGGATGGCCCCAGCACAGCTTGACCTGAGGCTGTGGTCACAGCGGAGGT
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CAGAGGCCAGANNCCAGCCCAGGGTCCTGCACTTACTTGCTTATTTGACAACGTT
15 TCAGCGACTCCGTTGGCCACTCCGAGAGTGGGCCAGTCTGTGGATCAGAGATGC
ACCACCAAGCCAAGGGAACCTGTGTCCGGTATTTCGATACTGCGACTTTCTGCCTG
GAGTGTATGACTGCACATGACTCGGGGGTGGGGAAAGGGGTCGGCTGACCATGC
TCATCTGCTGGTCCGTGGGACGGTNCCCAAGCCAGAGGTGGGTTCAATTTGTGTAA
CGACAATAAA

20

SEQ ID NO: 293

gi|36628|emb|X07820.1|HSSTROM2 Human mRNA for metalloproteinase stromelysin-2
AAAGAAGGTAAGGGCAGTGAGAATGATGCATCTTGCATTCTTGTGCTGTTGTGT
CTGCCAGTCTGCTCTGCCTATCCTCTGAGTGGGGCAGCAAAAGAGGAGGACTCCA
25 ACAAGGATCTTGCCAGCAATACCTAGAAAAGTACTACAACCTCGAAAAGGATG
TGAAACAGTTTAGAAGAAAGGACAGTAATCTCATTGTTAAAAAATCCAAGGAA
TGCAGAAAGTTCCTTGGGTTGGAGGTGACAGGGAAGCTAGACACTGACACTCTGG
AGGTGATGCGCAAGCCCAGGTGTGGAGTTCCTGACGTTGGTCACTTCAGCTCCTT
TCCTGGCATGCCGAAGTGGAGGAAAACCCACCTTACATACAGGATTGTGAATTAT
30 ACACCAGATTTGCCAAGAGATGCTGTTGATTCTGCCATTGAGAAAGCTCTGAAAG
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ATATAATGATCTCTTTCGCAGTTAAAGAACATGGAGACTTTTACTCTTTTGATGGC
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TTCACTTTGATGATGATGAAAAATGGACAGAAGATGCATCAGGCACCAATTTATT
35 CCTCGTTGCTGCTCATGAACTTGGCCACTCCCTGGGGCTCTTTCAGTCAGCCAACA
CTGAAGCTTTGATGTACCCACTCTACAACCTCATTACAGAGCTCGCCCAGTTCCG
CCTTTCGCAAGATGATGTGAATGGCATTTCAGTCTCTCTACGGACCTCCCCCTGCCT
CTACTGAGGAACCCCTGGTGCCCAAAAATCTGTTCCCTTCGGGATCTGAGATGCC
AGCCAAGTGTGATCCTGCTTTGTCCTTCGATGCCATCAGCACTCTGAGGGGAGAA
40 TATCTGTTCTTTAAAGACAGATATTTTTGGCGAAGATCCCACTGGAACCCTGAAC
CTGAATTTCAATTTGATTTCTGCATTTTGGCCCTCTCTTCCATCATATTTGGATGCTG
CATATGAAGTTAACAGCAGGGACACCGTTTTTATTTTTAAAGGAAATGAGTCTG
GGCCATCAGAGGAAATGAGGTACAAGCAGGTTATCCAAGAGGCATCCATACCCT
GGGTTTTCTCCAACCATAAGGAAAATTGATGCAGCTGTTTCTGACAAGGAAAAG
45 AAGAAAACATACTTCTTTGCAGCGGACAAATACTGGAGATTTGATGAAAATAGC
CAGTCCATGGAGCAAGGCTTCCCTAGACTAATAGCTGATGACTTTCCAGGAGTTG
AGCCTAAGGTTGATGCTGTATTACAGGCATTTGGATTTTTCTACTTCTTCAGTGGA
TCATCACAGTTTGAGTTTGACCCCAATGCCAGGATGGTGACACACATATTAAGA
GTAACAGCTGGTTACATTGCTAGGCGAGATAGGGGGAAGACAGATATGGGTGTT

TTTAATAAATCTAATAATTATTCATCTAATGTATTATGAGCCAAAATGGTTAATTT
 TTCCTGCATGTTCTGTGACTGAAGAAGATGAGCCTTGCAGATATCTGCATGTGTC
 ATGAAGAATGTTTCTGGAATTCTTCACTTGCTTTTGAATTGCACTGAACAGAATT
 AAGAAATACTCATGTGCAATAGGTGAGAGAATGTATTTTCATAGATGTGTTATTA
 5 CTTCCTCAATAAAAAGTTTTATTTTGGGCCTGTTTCCTT

SEQ ID NO: 294

>gi|750011|gb|R00275.1|R00275 ye72b08.s1 Soares fetal liver spleen 1NFLS Homo sapiens
 cDNA clone IMAGE:123255 3', mRNA sequence

10 TTANTCAATTTGCTATGTATATACGNGTTTATTATATGCTTATTACAAAAGAAAA
 AGTCTTTTGCCTTATTTTAGGGCTTCCATGTAAAACCTAGTTAAAATACAAAAAG
 TAAATTAGNGAAAAATTCTGCTTAGGNAGTGAAANTTGATAGCAACTTATAAGC
 TGTATCCTTAAAANCCTAGTCACAGATNTAGNNTTACGTAAAGNTAAANTGATA
 AGCCTACTTNTTGGCAAGAANCAGGTTAGGCCACTTANGCAGCATGTTTCTNCCA
 15 CTNTACANTTACATCGGCAGGTCCAAACNTTAANCCACCNTTCGNTTGACAACTT
 TCTATTTTCAACTT

SEQ ID NO: 295

>gi|1496145|gb|AA029889.1|AA029889 zk08e05.s1 Soares_pregnant_uterus_NbHPU Homo
 sapiens cDNA clone IMAGE:469952 3', mRNA sequence

20 TTTTTTTTTTCTGTTTGTCTGATTTTTATTATTTAAAAAAATGGAAAAACAAAAGT
 GCATTTTTCATTCAATAAATGTTCCATCCTTATTTAGTTTTGTTGCCGAAAGTGAA
 GTCCATGACTTTAGAATGATAGCAATTTATCAACCAAAGAATCCGTCTTCACACC
 GTTTCAATAACTGCAGCAATTTCTTGAAGTGTCTGTAGAAATTCTGAAACTGTG
 25 GAATCGTCATTTCAAAGCACTTGGTCTTTACTTGGCCTGAATGATCTGCCACTTTT
 AGCATCACTGCAACGTAAGGATACTTAAGAGATCTGCAAGTGTCTGAGCTCACA
 GCCATACCCAGTTTCCACTGAAAATCTACAAGCTGGGTGGTGACATCGGACTTAG
 CATCCAGCGGCGGCCTCGGTGCC

30 SEQ ID NO: 296

>gi|307127|gb|L08096.1|HUMLIGAND Human CD27 ligand mRNA, complete cds

CCAGAGAGGGGCAGGCTTGTCCCCTGACAGGTTGAAGCAAGTAGACGCCCAGGA
 GCCCCGGGAGGGGGGCTGCAGTTTCTTCTTCTTCTCGGCAGCGCTCCGCGCCC
 CCATCGCCCCCTCCTGCGCTAGCGGAGGTGATCGCCGCGGCGATGCCGGAGGAGG
 35 GTTCGGGCTGCTCGGTGCGGCGCAGGCCCTATGGGTGCGTCCTGCGGGCTGCTTT
 GGTCCCATTGGTTCGCGGGCTTGGTGATCTGCCTCGTGGTGTGCATCCAGCGCTTC
 GCACAGGCTCAGCAGCAGCTGCCGCTCGAGTCACTTGGGTGGGACGTAGCTGAG
 CTGCAGCTGAATCACACAGGACCTCAGCAGGACCCAGGCTATACTGGCAGGGG
 GGCCCAGCACTGGGCCGCTCCTTCTTGCATGGACCAGAGCTGGACAAGGGGCAG
 40 CTACGTATCCATCGTGATGGCATCTACATGGTACACATCCAGGTGACGCTGGCCA
 TCTGCTCCTCCACGACGGCCTCCAGGCACCAACCCACCCCTGGCCGTGGGAAT
 CTGCTCTCCCGCCTCCCGTAGCATCAGCCTGCTGCGTCTCAGCTTCCACCAAGGTT
 GTACCATTTGTCTCCAGCGCCTGACGCCCCTGGCCCGAGGGGACACACTCTGCAC
 CAACCTCACTGGGACACTTTTGCCTTCCCGAAACACTGATGAGACCTTCTTTGGA
 45 GTGCAGTGGGTGCGCCCCTGACCACTGCTGCTGATTAGGGTTTTTTAAATTTTATT
 TTATTTTATTAAAGTTCAAGAGAAAAAGTGTACACACAGGGGCCACCCGGGGTTG
 GGGTGGGAGTGTGGTGGGGGGTAGTTTGTGGCAGGACAAGAGAAGGCATTGAGC
 TTTTCTTTCATTTTCTATTAAAAAATACAAAAATCAAAACAAAAAAA

SEQ ID NO: 297

>gi|788599|gb|R32756.1|R32756 yh74b09.s1 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:135449 3' similar to gb:X66899 RNA-BINDING PROTEIN EWS (HUMAN);, mRNA sequence

5 GAGGAAGACGAGGTGGCCCTGGGGCCCNCTGGACCTTTGATGGAACAGATGGGA
GGAAGAAGAGGAGGACGTGGAGGACCTGGAAAAATGGATAAAGGCGAGCACCG
TCAGAGCGCAGAGATCGGCCCTACTAGATGCAGAGACCCCGCAGAGCTGCATTG
ACTACCAGATTTATTTTAAACCAGAAAATGTTTTAAATTTATTAATTCCATATT
10 TATAATGTTGGCCACAACATTATTGATTATTCCTTGTCTGTACTTTAGTATTTTTC
ACCATTTTGTGAAGGAAACATTAACAAGTTTAAATGGGTNAAAAAAAAAACCT
CGTGCCCGATTCTTNGGCCTTCGAGGGCCAATTTCCCTNTTGGTGAGTCCTATTN
AAT

SEQ ID NO: 298

15 >556963H1

CTTTCACACAAAGAAAAAGTTGTCTGTGTGCGCAAATCCAAAACAGACTTGGGT
GAAATATATTGTGCGTCTCCTCAGTAAAAAAGTCAAGAACATGTAAAAACTGTG
GCTTTTCTGGAATGGAATTGGACATAGCCCAAGAACAGAAAGAACCTTGCTGGG
20 GTTGAGAGTTTCACTTGCACATCATGGAGGGTTTAGTGCTTATCTAATTTGTG

SEQ ID NO: 299

>gi|179413|gb|M37722.1|HUMBFGFS Human shorter form basic fibroblast growth factor (bFGF) receptor mRNA, complete cds

CCGGCCGCGGAGCTCTTGCGACCCCGCCAGGACCCGAACAGAGCCCGGGGGCGG
25 CGGGCCGAGCCGGGGACGCGGGCACACGCCCGCTCGCACAAAGCCACGGCGGA
CTCTCCCGAGGCGGAACCTCCACGCCGAGCGAGGGTCAGTTTGAAAAGGAGGAT
CGAGCTCACTGTGGAGTATCCATGGAGATGTGGAGCCTTGTCACCAACCTCTAAC
TGCAGAACTGGGATGTGGAGCTGGAAGTGCCTCCTCTTCTGGGCTGTGCTGGTCA
CAGCAAACTCTGCACCGCTAGGCCGTCCCCGACCTTGCCTGAACAAGATGCTCT
30 CCCCTCCTCGGAGGATGATGATGATGATGACTCCTCTTCAGAGGAGAAAGA
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GATGGAAAAGAAATTGCATGCAGTGCCGGCTGCCAAGACAGTGAAGTTCAAATG
CCCTTCCAGTGGGACCCCAAACCCCACTGCGCTGGTTGAAAAATGGCAAAGA
ATTCAAACCTGACCACAGAATTGGAGGCTACAAGGTCCGTTATGCCACCTGGAG
35 CATCATAATGGACTCTGTGGTGCCCTCTGACAAGGGCAACTACACCTGCATTGTG
GAGAATGAGTACGGCAGCATCAACCACACATAACCAGCTGGATGTCGTGGAGCGG
TCCCCTCACCGGCCCATCCTGCAAGCAGGGTTGCCCGCCAACAAAACAGTGGCCC
TGGGTAGCAACGTGGAGTTCATGTGTAAGGTGTACAGTGACCCGCAGCCGCACA
TCCAGTGGCTAAAGCACATCGAGGTGAATGGGAGCAAGATTGGCCCAGACAACC
40 TGCTTATGTCCAGATCTTGAAGACTGCTGGAGTTAATACCACCGACAAAGAGAT
GGAGGTGCTTCACTTAAGAAATGTCTCCTTTGAGGACGCAGGGGAGTATACGTGC
TTGGCGGGTAACCTCTATCGGACTCTCCCATCACTCTGCATGGTTGACCGTTCTGG
AAGCCCTGGAAGAGAGGCGGCAGTGATGACCTCGCCCCTGTACCTGGAGATCA
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45 TACAAGATGAAGAGTGGTACCAAGAAGAGTGACTTCCACAGCCAGATGGCTGTG
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TCCAGTGCATCCATGAACTCTGGGGTTCCTTCTGGTTCGGCCATCACGGCTCTCCTC
CAGTGGGACTCCCATGCTAGCAGGGGTCTCTGAGTATGAGCTTCCCGAAGACCTT
CGCTGGGAGCTGCCTCGGGACAGACTGGTCTTAGGCAAACCCCTGGGAGAGGGC

TGCTTTGGGCAGGTGGTGTGGCAGAGGCTATCGGGCTGGACAAGGACAAACCC
 AACCGTGTGACCAAAGTGGCTGTGAAGATGTTGAAGTCGGACGCAACAGAGAAA
 GACTTGTCAGACCTGATCTCAGAAATGGAGATGATGAAGATGATCGGGAAGCAT
 AAGAATATCATCAACCTGCTGGGGGCCTGCACGCAGGATGGTCCCTTGTATGTCA
 5 TCGTGGAGTATGCCTCCAAGGGCAACCTGCGGGAGTACCTGCAGGCCCGGAGGC
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 CCTCCAAGGACCTGGTGTCTGCGCCTACCAGGTGGCCCGAGGCATGGAGTATCT
 GGCTCCAAGAAGTGCATACACCGAGACCTGGCAGCCAGGAATGTCCTGGTGAC
 AGAGGACAATGTGATGAAGATAGCAGACTTTGGCCTCGCACGGGACATTACCA
 10 CATCGACTACTATAAAAAGACAACCAACGGCCGACTGCCTGTGAAGTGGATGGC
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 GGGGTGCTCCTGTGGGAGATCTTCACTCTGGGCGGCTCCCCATACCCCGGTGTGC
 CTGTGGAGGAACTTTTCAAGCTGCTGAAGGAGGGTCACCGCATGGACAAGCCCA
 GTAAGTGCACCAACGAGCTGTACATGATGATGCGGGACTGCTGGCATGCAGTGC
 15 CCTCACAGAGACCCACCTTCAAGCAGCTGGTGGAGACCTGGACCGCATCGTGG
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 20 TCCACCGTCAGCTGTAACCCTCACCCACAGCCCCTGCTGGGCCCACCACCTGTCC
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 CTGCCCCAGATAGGTGGTGCCAGTGGCTTATTAATTCCGATACTAGTTTGTCTTGC
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 30 TGTTGTGCCCTGGCCCAGCCAAACTGGGGGGCTCTGTGGGGGGCTCTGTATATAGCT
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 AGGGTCGTTACCAGAGATTTACCCATCGGGTAAGATGCTCCTGGTGGCTGGGAG
 GCATCAGTTGCTATATATTAATAAACAATAAAGAAAAAAGGAAAATGTTTTTA
 AAAAGGTCATATATTTTTTGTCTACTTTTGCTGTTTTATTTTTTTAAATTATGTTCTA
 35 AACCTATTTTCAGTTTAGGTCCCTCAATAAAAATTGCTGCTGCTTAAAAACC

SEQ ID NO: 300

>gi|2161764|gb|AA448094.1|AA448094 zw82c03.r1 Soares_testis_NHT Homo sapiens

cDNA clone IMAGE:782692 5', mRNA sequence

40 CCGTTCTGGGGCCCAAGGAAGTGGGGAAGAGTAGGTTCTCGGTACTTAGGACTTG
 ATCCTGTGGTTGGCCACTGGCATGCTGCTGCCAGCTCTACCCCTCCCAGGGACC
 TACCCCTCCCAGGGACCGACCCCTGGCCCAAGCTCCCCTTGCTGGCGGGCGCTGC
 GTGGGCCCTGCACTTGCTGAGGTTCCCCATCATGGGCAAGGAAGGGAATTCCCAC
 AGCCCTCCAGTGTACTGAGGGTACTGGCCTAGCCATGTGGAATTCCCTACCCTGA
 45 CTCCTTCCCCAAACCCAGGGAAAAGAGCTCTCAATTTTTTATTTTTTAATTTTTGTT
 TGAAATA

SEQ ID NO: 301

>gi|2219002|gb|AA489400.1|AA489400 ab41a09.r1 Stratagene HeLa cell s3 937216 Homo sapiens cDNA clone IMAGE:843352 5' similar to SW:PRCF_HUMAN P40306

PROTEASOME COMPONENT MECL-1 PRECURSOR ;, mRNA sequence

5 CAAAGGTCCGGA AAACTGGCACGACCATCGCTGGGGTGGTCTATAAGGATGGCA
TAGTTCTTGGAGCAGATACAAGAGCAACTGAAGGGATGGTTGTTGCTGACAAGA
ACTGTTCAAAAATACACTTCATATCTCCTAATATTTATTGTTGTGGTGGTGGGACA
GCTGCAGACACAGACATGACAACCCAGCTCATTTCTTCCAACCTGGAGCTCCACT
CCCTCTCCACTGGCCGTCTTCCCAGAGTTGTGACAGCCAATCGGATGCTGAAGCA
10 GATGCTTTTCAGGTATCAAGGTTACATTGGTGCAGCCCTAGTTTTAGGGGGAGTA
GATGTTACTGGACCTCACCTCTACAGCATCTATCCTCATGGATCAACTGATAAGT
TGCCTTATGTCACCATGGGTCTGGCTCCTTGGCAGCAATGGCTGTATTTGAAGA
TAAG

15 SEQ ID NO: 302

>g1751443

TGAGGGGCACATGTTTATTTAGCAGACAAGGTGGGGCTCCATCAGCGGGGTGGCC
TGGGGAGCAGCTGCATGGGTGGCACTGTGGGGAGGGTCTCCCAGCTCCCTCAAT
GGTGTTCGGGCTGGTGCGGCANTGGCGGCACCTGTNACTCAGCCGTCGATACT
20 GGTCGATTGGGACAGGGAAGACGATGTGGTTTTC

SEQ ID NO: 303

>2731293H1

GAGAGGCAGCAGCTTGCTCAGCGGACAAGGATGCTGGGCGTGAGGGACCAAGG
25 CCTGCCCTGCACTCGGGCCTCCTCCAGCCAGTGCTGACCAGGGACTTCTGACCTG
CTGGCCAGCCAGGACCTGTGTGGGGAGGCCCTCCTGCTGCCTTGGGGTGACAATC
TCAGCTCCAGGCTACAGGGAGACCGGGAGGATCACAGTGCCAGCATGGATCCTG
ACAGTGATCAACCTCTGAACAG

30 SEQ ID NO: 304

>gi|2261974|gb|AA521431.1|AA521431 aa69b11.s1 NCI_CGAP_GCB1 Homo sapiens
cDNA clone IMAGE:826173 3' similar to gb:J03191 PROFILIN I (HUMAN);, mRNA
sequence

TTGTTAGTAG
35 AATCTTTTTTATTCAGAAAAAAAACCCCAAAAAACAAAAGTTTTTCCAACCACA
CACGGGAGGGATATGGGTAGGGGGAGGTGTCTGTCCATCCAGCCCTGGCCCCCA
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AATGGTTTGTGTGTGTATGGGGAGGAAAGGGGTGCAAAGCTGTGGGGAGGGGTG
AAGGGGAAGGGACAGACGAGGTCAGTACTGGGAACGCCGAAGTGTGGAGGCCA
40 TTTCATAACATTTCTTGTTGATCAAACCACCGTGGAACCTTCTTTGCCCATCAGC
AGGACTAGCGTCTTGTGAGTCTTGGTGACAGTGACATTTAAGGTTGGGGCCCCAC
CGGTGCTCTTGGTACGAAGATCCATGCAAATTTCCCTCGTTAGGAAGTGAGTCCG
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TTTTTTTTTCGGGGGGGGGTTCTTTTTTGTAT

45

SEQ ID NO: 305

>gi|1856267|gb|AA233079.1|AA233079 zr69f11.r1 Soares_NhHMPu_S1 Homo sapiens
cDNA clone IMAGE:668685 5' similar to gb:M59316_rna1 INSULIN-LIKE GROWTH
FACTOR BINDING PROTEIN 1 PRECURSOR (HUMAN);, mRNA sequence

TGTTCCTGTCACGTGAAATATTTAAGTATATAGTATATTTATACTCTAGAACATGCA
 CATTATATATATATGTATATGTATATATATATAGTAACTACTTTTTATACTCCAT
 ACATAACTTGATATAGAAAGCTGTTTATTTATTAAGTGTAAAGTTTATTTTTCTAC
 ACAGTAAAAACTTGTACTATGTTAATAACTTGTCTATGTCAATTTGTATATCATG
 5 AAACACTTCTCATCATAATGGAAGGAAGGTAATTGCATTCCTGCTCTTCCAAAGC
 TCCTGCGTCTGTTTTTAAAGAGCATGGAAAAATACTGCCTAGAAAAATGCAAAATG
 AAATAAGAGAGAGTAGTTTTTCAGCTAGTTTGAAGGAGGACGGTAACTTGTATA
 TTCCACCATTACATTTGATGTACATGTGTAGGGAAAGTAAAAGTGTGATACAT
 AATCAAGCTACCGTGGTGTATGTTGCCACTGTTAAATGTACCTGGATATGTTGTTA
 10 ACACGTGTCTATAATGGAA

SEQ ID NO: 306

>gi|188627|gb|M26383.1|HUMMONAP Human monocyte-derived neutrophil-activating protein (MONAP) mRNA, complete cds

15 AGCAGAGCACACAAGCTTCTAGGACAAGAGCCAGGAAGAAACCACCGGAAGGA
 ACCATCTCACTGTGTGTAAACATGACTTCCAAGCTGGCCGTGGCTCTCTTGGCAG
 CCTTCCTGATTTCTGCAGCTCTGTGTGAAGGTGCAGTTTTGCCAAGGAGTGCTAA
 AGAACTTAGATGTCAGTGCATAAAGACATACTCCAAACCTTTCCACCCCAAATTT
 ATCAAAGAAGTGTGAGAGTGATTGAGAGTGGACCACACTGCGCCAACACAGAAATT
 20 ATTGTAAGCTTTCTGATGGAAGAGAGCTCTGTCTGGACCCCAAGGAAAAGTGG
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 TCATTCTCTGTGGTATCCAAGAATCAGTGAAGATGCCAGTGAAACTTCAAGCAAA
 TCTACTTCAACACTTCATGTATTGTGTGGGTCTGTTGTAGGGTTGCCAGATGCAAT
 ACAAGATTCTGTTAAATTTGAATTTTCAAGTAAACAATGAATAGTTTTTTCATTGT
 25 ACCATGAAATATCCAGAACATACTTATATGTAAAGTATTATTTATTTGAATCTAC
 AAAAAACAACAAATAATTTTTAAATATAAGGATTTTCCTAGATATTGCACGGGAG
 AATATACAAATAGCAAAATTGAGCCAAGGGCCAAGAGAATATCCGAACCTTTAAT
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 30 TTTCTGTAAATCTGGCAACCTAGTCTGCTAGCCAGGATCCACAAGTCCTTGTTT
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 35 TGAATAGTTATAAAGATGTTATAGTAAATTTATTTTATTTTAGATATTAAATGATG
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 TACCCAGTTAAATTTTCATTTTCAAGATAAACAACAATAATTTTTTTAGTATAAGTA
 CATTATTGTTTATCTGAAAGTTTTAATTGAACTAACAATCCTAGTTTGATACTCCC
 AGTCTTGTCATTGCCAGCTGTGTTGGTAGTGCTGTGTTGAATTACGGAATAATGA
 40 GTTAGAACTATTAAACAGCCAAAACCTCCACAGTCAATATTAGTAATTTCTTGCT
 GGTTGAACTTGTTTATTATGTACAAATAGATTCTTATAATATTATTTAAATGACT
 GCATTTTAAATACAAGGCTTTATATTTTAACTTTAAGATGTTTTTATGTGCTCT
 CCAAATTTTTTTTACTGTTTCTGATTGTATGGAAATATAAAAGTAAATATGAAAC
 ATTTAAATATAATTTGTTGTCAAAGTAAAAAAAAAAAAAAAAA

45

SEQ ID NO: 307

>3530687H1

AGATCATTTACACAATGCTGGCCTCCTTGATGAATAAAGATGGGGTTCTCATATC
 CGAGGGCCAAGGCTTCATGACAAGGGAGTTTCTAAAGAGCCTGCGAAAGCCTTT

TGGTGACTTTATGGAGCCCAAGTTTGGAGTTTGCTGTGAAGTTCAATGCACTGGAA
 TTAGATGACAGCGACTTGGCAATATTTATTGCTGTCATTATTCTCAGTGGAGACC
 GCCCAGGTTTGTCTGAATGTGAAGCCCATTGAAGACATTCAAGACAACCTGCTACA
 AGCCCTGGAGCTCCAGCTGAAG

5

SEQ ID NO: 308

>gi|1164660|gb|N41062.1|N41062 yy53h05.s1 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGE:277305 3' similar to gb:X06820 TRANSFORMING PROTEIN RHOB (HUMAN);, mRNA sequence

10 GCGACCGCTCTCCTACCCGGACACCGACGTCATTCTCATGTGCTTCTCGGTGGAC
 AGCCCGGACTCGCTGGAGAACATCCCCGAGAAGTGGGTCCCCGAGGTGAAGCAC
 TTCTGTCCCAATGTGCCCATCATCCTGGTGGCCAACAANAAAGACCTGCGCAGGA
 CGAGCATGTCCGCACAGAGCTGGCCCGCATGAAGCAGGAACCCGTGCGCACGGA
 TGACGGCCGCGCATGGCCGTGCGCATCCAAGCCTACGACTACCTCGAGTGCTCTG
 15 CCAAGACCAAGGAAGGCGTGCGCGAGGTCTTCGAGACGGCCACGCGCGCCGNNT
 GCAAGAAAGCGTTACGGCTCCCAGAACGGCTGCATCAACTGCTGCAAGGTGCTA
 TGAGGGGCCGCGC

SEQ ID NO: 309

20 >gi|2078854|gb|AA419108.1|AA419108 zv34a06.r1 Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE:755506 5' similar to gb:M82809 ANNEXIN IV (HUMAN);, mRNA sequence

CGGTCTCGTGGGCAGAGGAACAACCAGGAACCTGGGGCTCAGTCTCCACCCCAACA
 GTGGGGCGGATCCGTCCCGGATAAGACCCGCTGTCTGGCCCTGAGTAGGGTGTG
 25 ACCTCCGCAGCCGCAGAGGAGGAGCGCAGCCGGCCTCGAAGAAGTCTTGCTTGG
 GTGGCTGAACTCTGATCTTGACCTAGAGCATGGCATGCAACCAAAGGAGGTACT
 GTCAAAGCTGCTTCAGGATTCAATGCCATGGAAGATGCCAGACCCTGAGGAAG
 GCCATGAAAGGGCTCGGCACCGATGAAGACGCCATTATTAGCGTCCTTGCCCTACC
 GCAACACCGCCCAGCGCCAGGAGATCAGGACAGCCTACAAGAGCACCATCGGCA
 30 GGGACTTGATAGACGACCTGAAGTCAGAACTGAGTGGCACTTCGAGCAGGTGAT
 TGTGGGGATGATGACGCCACGTGCTGTATGACGTGCAAGAGCTGCGAAGGGCC
 ATGAAGGGAGCCGGACTGATGAGGGCTGCTAATTGAGATCTTGGCTTCCGGACC
 CTTAGGAGATCGGCGCATA

35 SEQ ID NO: 310

>gi|183622|gb|J03561.1|HUMGRO Human gro (growth regulated) gene

CTCGCCAGCTCTTCCGCTCCTCTCACAGCCGCCAGACCCGCCTGCTGAGCCCCAT
 GGCCCGCGCTGCTCTCTCCGCCGCCCCAGCAATCCCCGGCTCCTGCGAGTGGCA
 CTGCTGCTCCTGCTCCTGGTAGCCGCTGGCCGGCGCGCAGCAGGAGCGTCCGTGG
 40 CCACTGAACTGCGCTGCCAGTGCTTGCAGACCCTGCAGGGAATTCACCCCAAGA
 ACATCCAAAGTGTGAACGTGAAGTCCCCCGGACCCCACTGCGCCCAAACCGAAG
 TCATAGCCCACTCAAGAATGGGCGGAAAGCTTGCCTCAATCCTGCATCCCCCAT
 AGTTAAGAAAATCATCGAAAAGATGCTGAACAGTGACAAATCCAAGTACCAGA
 AGGGAGGAGGAAGCTCACTGGTGGCTGTTCTGAAGGAGGCCCTGCCCTTATAG
 45 GAACAGAAGAGGAAAGAGAGACACAGCTGCAGAGGCCACCTGGATTGTGCCTA
 ATGTGTTTGAGCATCGCTTAGGAGAAGTCTTCTATTTATTTATTTATTCATTAGTT
 TTGAAGATTCTATGTAAATATTTTAGGTGTAAAATAATTAAGGGTATGATTAAGT
 CTACCTGCACACTGTCCTATTATATTCATTCTTTTGAAGTGTCAACCCCAAGTTA
 GTTCAATCTGGATTCATATTTAATTTGAAGGTAGAATGTTTTCAAATGTTCTCCAG

TCATTATGTTAATATTTCTGAGGAGCCTGCAACATGCCAGCCACTGTGATAGAGG
 CTGGCGGATCCAAGCAAATGGCCAATGAGATCATTGTGAAGGCAGGGGAATGTA
 TGTGCACATCTGTTTTGTAAGTGTGTTAGATGAATGTCAGTTGTTATTTATTGAAAT
 GATTTACAGTGTGTGGTCAACATTTCTCATGTTGAAACTTTAAGAACTAAAATG
 5 TTCTAAATATCCCTTGGACATTTTATGTCCTTTCTTGTAAGGCATACTGCCTTGTT
 AATGGTAGTTTTACAGTGTTTCTGGCTTAGAACAAGGGGCTTAATTATTGATGT
 TTTCGGA

SEQ ID NO: 311

10 >gi|416292|gb|M34064.1|HUMNCADH Human N-cadherin mRNA, complete cds
 GACTGGGTCATCCCTCCAATCAACTTGCCAGAAAACCTCCAGGGGACCTTTTCCTC
 AAGAGCTTGTGAGGATCAGGTCTGATAGAGATAAAAACCTTTCACTGCGGTACA
 GTGTAAGTGGGCCAGGAGCTGACCAGCCTCCAAGTGGTATCTTCATTCTCAACCC
 CATCTCGGGTCAGCTGTCGGTGACAAAGCCCCTGGATCGCGAGCAGATAGCCCG
 15 GTTTCATTTGAGGGCACATGCAGTAGATATTAATGGAAATCAAGTGGAGAACCC
 CATTGACATTGTCATCAATGTTATTGACATGAATGACAACAGACCTGAGTTCTTA
 CACCAGGTTTGAATGGGACAGTTCCTGAGGGGATCAAAGCCTGGAACATATGTG
 ATGACCGTAACAGCAATTGATGCTGACGATCCCAATGCCCTCAATGGGATGTTGA
 GGTACAGAATCGTGTCTCAGGCTCCAAGCACCCCTTCACCCAACATGTTTACAAT
 20 CAACAATGAGACTGGTGACATCATCACAGTGGCAGCTGGACTTGATCGAGAAAA
 AGTGCAACAGTATACGTTAATAATTCAAGCTACAGACATGGAAGGCAATCCAC
 ATATGGCCTTTCAAACACAGCCACGGCCGTCATCACAGTGACAGATGTCAATGA
 AATCCTCCAGAGTTTACTGCCATGACGTTTATGGTGAAGTTCCTGAGAACAGGC
 TAGACATCATAGTAGCTAATCTAACTGTGACCGATAAGGATCAACCCCATACAC
 25 AGCCTGGAACGCAGTGTACAGAATCAGTGGCGGAGATCCTACTGGACGGTTCGC
 CATCCAGACCGACCCAAACAGCAACGACGGGTTAGTCACCGTGGTCAAACCAAI
 CGACTTTGAAACAAATAGGATGTTTGTCTTACTGTTGCTGCAGAAAATCAAGTC
 CCATTAGCCAAGGGAATTCAGCACCCGCTCAGTCAACTGCAACCGTGTCTGTTA
 CAGTTATTGACGTAAATGAAAACCCCTATTTTGCCCCCAATCCTAAGATCATTG
 30 CCAAGAAGAAGGGCTTCATGCCGGTACCATGTTGACAACATTCACTGCTCAGGA
 CCCAGATCGATATATGCAGCAAAATATTAGATACTAAATTATCTGATCCTGCC
 AATTGGCTAAAAATAGATCCTGTGAATGGACAAATAACTACAATTGCTGTTTTGG
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 TGACAATGGAATTCCTCCTATGAGTGGAAACAGGAACGCTGCAGATCTATTTACTT
 35 GATATTAATGACAATGCCCCCTCAAGTGTTACCTCAAGAGGCAGAGACTTGCGAA
 ACTCCAGACCCCAATTCAATTAATATTACAGCACTTGATTATGACATTGATCCAA
 ATGCTGGACCATTTGCTTTTGATCTTCTTTATCTCCAGTGACTATTAAGAGAAAT
 TGGACCATCACTCGGCTTAATGGTGATTTTGCTCAGCTTAATTTAAAGATAAAAT
 TTCTTGAAGCTGGTATCTATGAAGTTCCCATCATAATCACAGATTCGGGTAATCC
 40 TCCCAAATCAAATATTTCCATCCTGCGCGTGAAGGTTTGCCAGTGTGACTCCAAC
 GGGGACTGCACAGATGTGGACAGGATTGTGGGTGCGGGGCTTGGCACCGGTGCC
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 GGTATGGATGAAACGCCGGGATAAAGAACGCCAGGCCAAACAACCTTTTAATTGA
 TCCAGAAGATGATGTAAGAGATAATATTTTAAATATGATGAAGAAGGTGGAGG
 45 AGAAGAAGACCAGGACTATGACTTGAGCCAGCTGCAGCAGCCTGACACTGTGGA
 GCCTGATGCCATCAAGCCTGTGGGAATCCGACGAATGGATGAAAGACCCATCCA
 CGCCGAGCCCCAGTATCCGGTCCGATCTGCAGCCCCACACCCTGGAGACATTGGG
 GACTTCATTAATGAGGGCCTTAAAGCGGCTGACAATGACCCACAGCTCCACCAT
 ATGACTCCCTGTTAGTGTTTGACTATGAAGGCAGTGGCTCCACTGCTGGGTCCTT

GAGCTCCCTTAATTCCTCAAGTAGTGGTGGTGAGCAGGACTATGATTACCTGAAC
GACTGGGGGGCCACGGTTCAAGAACTTGCTGACATGTATGGTGGAGGTGATGAC
TGAAC TTCAGGGTGAAC TTGGTTTTGGACAAGTACAAACAATTTCAACTGATAT
TCCCAAAAAGCATT CAGAAGCTAGGCTTTAACTTTGTAGTCTACTAGCACAGTGC
5 CTGCTGGAGGCTTTGGCATAGGCTGCAAACCAATTTGGGCTCAGAGGGAATATC
AGTGATCCATACTGTTTGGAAAAACACTGAGCTCAGTTACACTTGAATTTTACAG
TACAGAAGCACTGGGATTTTATGTGCCTTTTTGTACCTTTTTTCAGATTGGAATTAG
TTTTCTGTTTAAGGCTTTAATGGTACTGATTTCTGAAACGATAAGTAAAAGACAA
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10 GTTACATTGCATTTGCTTTTATTAATAACAAAATTAACAAACAAAAAACTCA
TGGAGCGATTTTATTATCTTGGGGGATGAGACCATGAGATTGGAAAATGTACATT
ACTTCTAGTTTTAGACTTTAGTTTGTTTTTTTTTTTTTTCACTAAAATCTTAAACT
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TGAATTTTTTCATAAACTAGAATGTTAGACACATTTTGGTCTTAATCCATGTACAC
15 CTTTTTATTTCTGTATTTTCCACTTCACTGTAAAAATAGTATGTGTACATAATGTT
TTATTGGCATAACGTCTATGGAGAAGTGCAGAACTTCAGAACATGTGTATGTATT
ATTTGGACTATGGATTCAGGTTTTTTGCATGTTTATATCTTTCGTTATGGATAAAG
TATTTACAAAACAGTGACATTTGATTCAATTGTTGAGCTGTAGTTAGAATACTCA
ATTTTTAATTTTTTTAATTTTTTTTATTTTTTATTTTCTTTTTTGGTTTGGGGAGGGAG
20 AAAAGTTCTTAGCACAAATGTTTACATAATTTGTACCAAAAAAAAAAAAAAAAAAG
GAAAGGAAAGAAAGGGGTGGCCTGACACTGGTGGCACTACTAAGTGTGTGTTTT
TTTAAAAAAAAAAATGGAAAAAAAAAAAGCCTTTAAACTGGAGAGACTTCTGACAA
CAGCTTTGCCTCTGTATTGTGTACCAGAATATAAATGATACACCTCTGACCCAG
CGTTCTGAATAAAATGCTAATTTTGGATAACAAAAAAAGGGGAATTC

SEQ ID NO: 312

>1334463H1

CACACAGTCAAGCTTTAAAGAAAGTGTTTGCTGAAAATAAAGAAATCCAGAAAT
TGGCAGAGCAGTTTGTCTCTCAATCTGGTTTATGAAACAACCTGACAAACACCT
30 TTCTCCTGATGGCCAGTATGTCCCCAGGATTATGTTTGTGACCCATCTCTGACAG
TTAGAGCCGATATCACTGGAAGATATTCAAACCGTCTCTATGCTTACGAACCTGC
AGATACAGCTC

SEQ ID NO: 313

>gi|2216301|gb|AA486085.1|AA486085 ab14c11.s1 Stratagene lung (#937210) Homo
sapiens cDNA clone IMAGE:840788 3' similar to gb:S54005 THYMOSIN BETA-10
(HUMAN);, mRNA sequence

GGTGTGTTTTATTTTCATTATTCATACAAATAATTTTCTATAATATCCCGGGGCAA
ACCGGAGAATTTGGCAGTCCGATTGGGGGG

SEQ ID NO: 314

>gi|292418|gb|M64749.1|HUMRDC1A Human homologue of the canine orphan receptor
(RDC1) mRNA, 5' end

ATGGATCTGCACCTCTTCGACTACGCCGAGCCAGGCAACTTCTCGGACATCAGCT
45 GGCCATGCAACAGCAGCGACTGCATCGTGGTGGACACGGTGATGTGTCCCAACA
TGCCCAACAAAAGCGTCCTGCTCTACACGCTCTCCTTCATTTACATTTTTCATCTTC
GTCATCGGCATGATTGCCAACTCCGTGGTGGTCTGGGTGAATATCCAGGCCAAGA
CCACAGGCTATGACACGCACTGCTACATCTTGAACCTGGCCATTGCCGACCTGTG
GGTTGTCCTCACCATCCCAGTCTGGGTGGTCAGTCTCGTGCAGCACAAACAGTGG

CCCATGGGGCGAGCTCACGTGCAAAGTCACACACCTCATCTTCTCCATCAACCTCT
 TCAGCGGCATTTTCTTCTCCTCACGTGCATGAGCGTGGACCGCTACCTCTCCATCACC
 TACTTCACCAACACCCCCAGCAGCAGGAAGAAGATGGTACGCCGTGTCGTCTGC
 ATCCTGGTGTGGCTGCTGGCCTTCTGCGTGTCTCTGCCTGACACCTACTACCTGAA
 5 GACCGTCACGTCTGCGTCCAACAATGAGACCTACTGCCGGTCTTCTACCCCGAG
 CACAGCATCAAGGAGTGGCTGATCGGCATGGAGCTGGTCTCCGTTGTCTTGGGGCT
 TTGCCGTTCCCTTCTCCATTATCGCTGTCTTCTACTTCTGCTGGCCAGAGCCATC
 TCGGCGTCCAGTGACCAGGAGAAGCACAGCAGCCGGAAGATCATCTTCTCCTAC
 GTGGTGGTCTTCTTGTCTGCTGGCTGCCCTACCACGTGGCGGTGCTGCTGGACA
 10 TCTTCTCCATCCTGCACTACATCCCTTTACCTGCCGGCTGGAGCACGCCCTCTTC
 ACGGCCCTGCATGTCACACAGTGCCTGTCGCTGGTGCCTGCTGCGTCAACCCTG
 TCCTCTACAGCTTCATCAATCGCAACTACAGGTACGAGCTGATGAAGGCCTTCAT
 CTTCAAGTACTCGGCCAAAACAGGGCTCACCAAGCTCATCGATGCCTCCAGAGTG
 TCGGAGACGGAGTACTCCGCCTTGGAGCAAAACGCCAAG

SEQ ID NO: 315

>gi|183866|gb|M60278.1|HUMHBEGF Human heparin-binding EGF-like growth factor
 mRNA, complete cds

GCTACGCGGGGCCACGCTGCTGGCTGGCCTGACCTAGGCGCGCGGGGTTCGGGCGG
 20 CCGCGCGGGGCGGGCTGAGTGAGCAAGACAAGACACTCAAGAAGAGCGAGCTGC
 GCCTGGGTCCCGGCCAGGCTTGCACGCAGAGGCGGGCGGCAGACGGTGCCCGGC
 GGAATCTCCTGAGCTCCGCCGCCAGCTCTGGTGCCAGCGCCAGTGGCCGCCGC
 TTCGAAAGTGACTGGTGCCTCGCCGCCTCCTCTCGGTGCGGGACCATGAAGCTGC
 TGCCGTGCGGTGGTGTGAAGCTCTTCTGGCTGCAGTTCTCTCGGCACTGGTGACT
 25 GGCGAGAGCCTGGAGCGGCTTCGGAGAGGGCTAGCTGCTGGAACCAGCAACCCG
 GACCCTCCCCTGTATCCACGGACCAGCTGCTACCCCTAGGAGGCGGCCGGGAC
 CGGAAAGTCCGTGACTTGCAAGAGGCAGATCTGGACCTTTTGAGAGTCACTTTAT
 CCTCCAAGCCACAAGCACTGGCCACACCAAACAAGGAGGAGCACGGGAAAAGA
 AAGAAGAAAGGCAAGGGGCTAGGGAAGAAGAGGGACCCATGTCTTCGGAAATA
 30 CAAGGACTTCTGCATCCATGGAGAATGCAAATATGTGAAGGAGCTCCGGGCTCC
 CTCCTGCATCTGCCACCCGGGTTACCATGGAGAGAGGTGTCATGGGCTGAGCCTC
 CCAGTGGAATAATCGCTTATATACCTATGACCACACAACCATCCTGGCCGTGGTGG
 CTGTGGTGTCTGTATCTGTCTGTCTGCTGGTCATCGTGGGGCTTCTCATGTTTAGG
 TACCATAGGAGAGGAGGTTATGATGTGGAATAATGAAGAGAAAGTGAAGTTGGGC
 35 ATGACTAATTCCCCTGAGAGAGACTTGTGCTCAAGGAATCGGCTGGGGACTGCT
 ACCTCTGAGAAGACACAAGGTGATTTCACTGTCAGAGGGGAAAGACTTCCATC
 TAGTCACAAAGACTCCTTCGTCGCCAGTTGCCGTCTAGGATTGGGCCTCCCATAA
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 40 CCACCAAACCCCACTTCCCCTCATAAGTTTGTTTAAACACTTATCTTCTGGATTAG
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 GAAGAAGAAGGAGAGCAAGAAGGAAAGATTTGTGAACTGGAAGAAAGCAACAA
 AGATTGAGAAGCCATGTACTCAAGTACCACCAAGGGATCTGCCATTGGGACCCT
 CCAGTGCTGGATTTGATGAGTTAACTGTGAAATAACCACAAGCCTGAGAAGTGAAT
 45 TTTGGGACTTCTACCCAGATGGAAAAATAACAACCTATTTTGTGTTGTTGTTGTTGTT
 AAATGCCTCTTAAATTATATATTTATTTATTTCTATGTATGTTAATTTATTTAGTTT
 TTAACAATCTAACAATAATATTTCAAGTGCCTAGACTGTTACTTTGGCAATTTCCCT
 GGCCCTCCACTCCTCATCCCCACAATCTGGCTTAGTGCCACCCACCTTTGCCACA
 AAGCTAGGATGGTTCTGTGACCCATCTGTAGTAATTTATTGTCTGTCTACATTTCT

GCAGATCTTCCGTGGTCAGAGTGCCACTGCGGGAGCTCTGTATGGTCAGGATGTA
 GGGGTAACTTGGTCAGAGCCACTCTATGAGTTGGACTTCAGTCTTGCCTAGGCG
 ATTTTGTCTACCATTTGTGTTTTGAAAGCCCAAGGTGCTGATGTCAAAGTGTAAC
 AGATATCAGTGTCTCCCCGTGTCTCTCCCTGCCAAGTCTCAGAAGAGGTTGGGC
 5 TTCCATGCCTGTAGCTTTCCTGGTCCCTCACCCCCATGGCCCCAGGCCACAGCGT
 GGGAAC TCACTTTCCTTGTGTCAAGACATTTCTCTAACTCCTGCCATTCTTCTGG
 TGCTACTCCATGCAGGGGTCAGTGCAGCAGAGGACAGTCTGGAGAAGGTATTAG
 CAAAGCAAAAGGCTGAGAAGGAACAGGGAACATTGGAGCTGACTGTTCTTGGTA
 ACTGATTACCTGCCAATTGCTACCGAGAAGGTTGGAGGTGGGGAAGGCTTTGTAT
 10 AATCCCACCCACCTCACCAAAACGATGAAGGTATGCTGTTCATGGTCTTTCTGGA
 AGTTTCTGGTGCCATTTCTGAACTGTTACAAC TTTGATTTCCAAACCTGGTTCATA
 TTTATACTTTGCAATCCAAATAAAGATAACCCTTATTCCATAAAAAAAAAAAAAA
 AAAA

15 SEQ ID NO: 316

>gi|179664|gb|K02765.1|HUMC3 Human complement component C3 mRNA, alpha and beta subunits, complete cds

CTCCTCCCCATCCTCTCCCTCTGTCCCTCTGTCCCTCTGACCCTGCACTGTCCCAG
 CACCATGGGACCCACCTCAGGTCCCAGCCTGCTGCTCCTGCTACTAACCACCTC
 20 CCCCTGGCTCTGGGGAGTCCCATGTACTCTATCATCACCCCCAACATCTTGCGGC
 TGGAGAGCGAGGAGACCATGGTGCTGGAGGGCCACGACGCGCAAGGGGATGTTT
 CAGTCACTGTTACTGTCCACGACTTCCCAGGCCAAAAAACTAGTGCTGTCCAGTGA
 GAAGACTGTGCTGACCCCTGCCACCAACACATGGGGCAACGTCACCTTCACGATC
 CCAGCCAACAGGGAGTTCAAGTCAGAAAAGGGGGCGCAACAAGTTCGTGACCGTG
 25 CAGGCCACCTTCGGGACCCAAGTGCTGGAGAAGGTGGTGCTGGTCAGCCTGCAG
 AGCGGGTACCTCTTCATCCAGACAGACAAGACCATCTACACCCCTGGCTCCACAG
 TTCTCTATCGGATCTTCACCGTCAACCACAAGCTGCTACCCGTGGGCCGGACGGT
 CATGGTCAACATTGAGAACCCGGAAGGCATCCCGGTCAAGCAGGACTCCTTGTCT
 TCTCAGAACCAAGCTTGGCGTCTTGCCCTTGTCTTGGGACATTCCGGAAC TCGTCA
 30 ACATGGGGCCAGTGGAAGATCCGAGCCTACTATGAAAAC TCAACACAGCAGGTCT
 TCTCCACTGAGTTTGAGGTGAAGGAGTACGTGCTGCCAGTTTCGAGGT CATAGT
 GGAGCCTACAGAGAAATTCTACTACATCTATAACGAGAAGGGCCTGGAGGTCAC
 CATCACCGCCAGGTTCTCTACGGGAAGAAAGTGGAGGGAACTGCCTTTGTATC
 TTCGGGATCCAGGATGGCGAACAGAGGATTTCCCTGCCTGAATCCCTCAAGCGCA
 35 TTCCGATTGAGGATGGCTCGGGGGAGGTTGTGCTGAGCCGGAAGGTACTGCTGG
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 GGATCCCCATCGTGACCTCTCCCTACCAGATCCACTTCACCAAGACACCCAAGTA
 CTTCAAACCAGGAATGCCCTTTGACCTCATGGTGTTCTGTGACGAACCCTGATGGC
 40 TCTCCAGCCTACCGAGTCCCCGTGGCAGTCCAGGGCGAGGACACTGTGCAGTCTC
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 AGCCCTTGAGCATCACGGTGGCGACGAAGAAGCAGGAGCTCTCGGAGGCAGAGC
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 45 CGTCAACTTCCTCCTGCGAATGGACCGCGCCACGAGGCCAAGATCCGCTACTAC
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5 GACGTGGTGGAGAAGGCAGACATCGGCTGCACCCCGGGCAGTGGGAAGGATTAC
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10 ACTGCTGCAACTACATCACAGAGCTGCGGCGGCAGCACGCGCGGGCCAGCCACC
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20 CAGGAAGTGGAAGTCAAGGCTGCCGTCTACCATCATTTTCATCAGTGACGGTGTCA
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25 AACGGCTGAAGCACCTCATTGTGACCCCTCGGGCTGCGGGGAACAGAACATGA
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40 GGCCACCTTCATGGTGTTCAGCCTTGGCTCAATACCAAAAGGACGCCCTGAC
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 5 AAGGTCACCCTGGAAGAACGGCTGGACAAGGCCTGTGAGCCAGGAGTGGACTAT
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 AGCAGCGCACGTTTCATCAGCCCCATCAAGTGCAGAGAAGCCCTGAAGCTGGAGG
 AGAAGAAACACTACCTCATGTGGGGTCTCTCCTCCGATTTCTGGGGAGAGAAGCC
 10 CAACCTCAGCTACATCATCGGGAAGGACACTTGGGTGGAGCACTGGCCTGAGGA
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SEQ ID NO: 317

15 >gi|2185691|gb|AA460571.1|AA460571 zx60a08.r1 Soares_testis_NHT Homo sapiens
 cDNA clone IMAGE:795830 5' similar to gb:M95724 CENTROMERE PROTEIN C
 (HUMAN);, mRNA sequence
 AAAGTTTTGCCAGTAGATCTTGGATTACAATACCAAGAAAGGCAGGGTCTCTGA
 AACAACGCACAATATCCCCGGCTGAGAGCACTGCACTCCTTCAAGGTAGAAAGT
 20 CAAGAGAAAAGCATCATAATATATTACCTAAGACTTTGGCAAATGACAAACATT
 CCCATAAACCTCACCCAGTAGAGACATCTCAGCCCTCTGATAAAACAGTACTGGA
 TACAAGTTATGCTTTGATAGGTGAAACAGTAAATAATTATAGATCTACAAAATAT
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 25 GGACAGTCTAAAGATGAAAACATACATACATCACATATTACCCANGACGAATTT
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30 SEQ ID NO: 318

>1226731H1
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 35 AACGC
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40 SEQ ID NO: 319

>874 BLOOD 239973.4 D13645 g286008 Human mRNA for KIAA0020 gene, complete cds.
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 10 GAAGCATGCAGCCATCGTGGAGTACGCATACAATGACAAAGCCATTTTGGAGCA
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SEQ ID NO: 320

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SEQ ID NO: 321

>gi|882877|gb|H16637.1|H16637 ym26e06.r1 Soares infant brain 1NIB Homo sapiens cDNA
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 PROTEIN 1 PRECURSOR (HUMAN);, mRNA sequence
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>2496910H1
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5 >3558269H1
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SEQ ID NO: 324

15 >gi|718888|gb|T90375.1|T90375 yd43e04.s1 Soares fetal liver spleen 1NFLS Homo sapiens
cDNA clone IMAGE:111006 3', mRNA sequence
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20 GCCCCAGGGATCACTCCTTTCATAAATAACCCCAGAAGCATTTCATTCAGGGAAA
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25 SEQ ID NO: 325

>gi|2197196|gb|U81233.1|HSU81233 Human cystatin E mRNA, complete cds
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30 AGAAGGCGGCGCAGGCGGCCGTGGCCAGCTACAACATGGGCAGCAACAGCATCT
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SEQ ID NO: 326

40 >gi|199842|gb|M84683.1|MUSMUC1A Mus musculus episialin (Muc1) mRNA, complete
cds
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SEQ ID NO: 327

35 >1484836T6
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SEQ ID NO: 328

>gi|654754|gb|T52894.1|T52894 ya81f08.s1 Stratagene ovary (#937217) Homo sapiens
 cDNA clone IMAGE:68103 3' similar to similar to gb:M31211 MYOSIN LIGHT CHAIN 1,
 SLOW-TWITCH MUSCLE A ISOFORM (HUMAN), mRNA sequence

AAGAGAGGAACCCAGTCTTTATTTTGAAACAATAGGTGGCCTCCTGGTGGCTGGA
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10 SEQ ID NO: 329

>gi|758680|gb|M23699.1|HUMAMYSA2A Homo sapiens serum amyloid A2-alpha (SAA2)
 mRNA, complete cds

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 15 AGCCTACTCTGACATGAGAGAAGCCAATTACATCGGCTCAGACAAATACTTCCAT
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SEQ ID NO: 330

>2656 BLOOD 230638.6 U32986.g1136227 Human xeroderma pigmentosum group E UV-
 damaged DNA binding factor mRNA, complete cds. 0

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5

SEQ ID NO: 331

>2742 BLOOD 334388.1 D14660 g285944 Human mRNA for KIAA0104 gene, complete cds. 0

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SEQ ID NO: 332

>2772 BLOOD 344645.4 AF026086 g2655140 Human peroxisome biogenesis disorder protein 1 (PEX1) mRNA, complete cds. 0

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SEQ ID NO: 333

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SEQ ID NO: 334

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SEQ ID NO: 335

45 >2846 BLOOD 407165.16 AF048693 g3170416 Human transcription factor forkhead-like 7 (FKHL7) gene, complete cds. 0

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35 SEQ ID NO: 336

>2898 BLOOD 257782.19 D49738 g736703 Human cytoskeleton associated protein (CG22)
mRNA, complete cds. 0

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SEQ ID NO: 337

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G642094 AUTOANTIGEN P542 ;, mRNA sequence [Homo sapiens]
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mRNA, complete cds. 0

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SEQ ID NO: 338

25 >2917 BLOOD 358853.44 Z19554 g37851 Human vimentin gene. 0

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35

SEQ ID NO: 339

>2925 BLOOD 235943.40 J05581 g188869 Human polymorphic epithelial mucin (PEM)

mRNA, complete cds. 0

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 GAAATCTAGCTCTACCACAAGTTGCACAAATGTTATCTAAGCATTAAAGTAATTGT
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 5 AATTAAGTGGTGAATTCCTCATACTTTTGATACTACTTGTACCTGTATGTCTTTTA
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10 SEQ ID NO: 341

>2957 BLOOD 425165.31 AF005898 g2209237 Human Na,K-ATPase beta-3 subunit
 pseudogene, complete sequence. 0

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 20 AGCCCAGGACTCATGGTTTTTCCAAAACCAGTGACCGCATTGGAATATACATTCA
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 ACTTTTTGAACAGAAGGGTCCAGTTTATGTTGCATGTGAGTTTCCATTTCATTAC
 TTCAAGCATGCAGTGGTATGAATGATCCTGATTTTGGCTATTCTCAAGGAAACCC
 25 TTGTATTCTTGTGAAAATGAACAGAATAATTGGATTAAAGCCTGAAGGAGTGCCA
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 30 CAGGATGATCGTGACAAGTTTTTGGGACGAGTTATGTTCAAAAATCACAGCACGFG
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SEQ ID NO: 342

>2959 BLOOD 977665.8 U76421 g2039299 Human dsRNA adenosine deaminase

45 DRADA2b (DRADA2b) mRNA, complete cds. 0

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 GGCTGTAGGAAGGAACCTGGTTTCGGGGAGCCCTGGGCGGGGCGGCTGTGGGGAG

GAAGGTGACGTGCAGGGGACCAGAGGCTCTGCACTGCTCCTAGGACAGCTCATC
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 30 GATTTTAGAATCTGGACACTTTCTATGAATGTAATTCGGCTGAGAAACATGTTGC
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 ACT

SEQ ID NO: 343

>2971 BLOOD 198145.6 U51205 g1730283 Human COP9 homolog (HCOP9) mRNA,
 complete cds. 0

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 AAATTCTGAACCTTGGGGGAATTTGGTCAGTAGGACAAAGAATCTGGCAGAGAGA
 45 TTTCCCTGGGATCTATACAACCATCAACGCTCACCAGTGGTCTGAGACGGTCCAG
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 CTCAAGCGTATACTTCAATCATCGCCGATGATTTTGCAGCCTTTGTTGGACTTCCT
 GTAGAAGAGGCTGTGAAAGGCATATTAGAACAAGGATGGCAAGCTGATTCCACC
 ACAAGAATGGTTCTGCCAGAAAGCCAGTTGCAGGGGCCCTGGATGTTTCCTTTA

ACAAGTTTATTCCCTTATCAGAGCCTGCTCCAGTTCCCCCAATACCCAATGAACA
 GCAGTTAGCCAGACTGACGGATTATGTGGCTTTTCCTTGAAAACGTGATTTATCACT
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 5 GATAAAATACATATAGAATATAAGATATACTATATACATTTTGTCCATAAACGTT
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 AGCCTGTCAGTATTACAGTTAGTTTTCTAGTGACTCATAAAATAAGATTTCTGT
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 15 TTTTAGAAGGAGAACTTAAGTGTGGAATGCATTATATGGGCAAAGAAGCTATG
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 20 TTATTTTCATCTAAGATAGTTTCTGGAAATTTCACTCTCGATCTTCTGTGGACACA
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SEQ ID NO: 344

25 >2986 BLOOD Hs.75260 gnl|UG|Hs#S269695 H.sapiens mitogen inducible gene mig-2,
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 30 GCGGACGGGACGTGGGAAGTGAAGTGTCCATGTGACGGACCTGAACCGCGATATC
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 35 CAACATGAAGTATGTGAAGGTGAAAGTGAATTTCTCTGATAGAGTCTTCAAAGCT
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 30 GAAGTAAAGTTCTATGAAGTATGCATTTTGTGTAACATAATGTAAAAACACAAAT
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SEQ ID NO: 345

40 >2992 BLOOD 1329299.6 AF053944 g3288915 Human aortic carboxypeptidase-like protein
 ACLP mRNA, complete cds. 0
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 CAGCCTCCCCCTCAGTTGAGTACATTCGGCGCCAGAAGCAACCCAGGCCACCCCC
 45 AAGCAGAAGGAGGAGGCCCGAGCGGGTCTGGCCAGACCCCCCTGAGGAGAAGG
 CCCC GGCCCCAGCCCCGGAGGAGAGGATTGAGCCTCCTGTGAAGCCTCTGCTGCC
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10 GAGCCGGTGGTGGCTCGTTTCATCCGCATCTACCCACTCACCTGGAATGGCAGCC
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15 GATCTCAGACAACCCTGGGGAGCATGAACTGGGGGAGCCCGAGTTCCGCTACAC
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40 CCTGCCACCACCCTGAGCACTACCATAGAGCCCTGGGGCCTCATACCGCCAACCA
CCGCTGGCTGGGAGGAGTCGGAGACTGAGACCTACACAGAGGTGGTGACAGAGT
TTGGGACCGAGGTGGAGCCCGAGTTTGGGACCAAGGTGGAGCCCGAGTTTGAGA
CCAGTTGGAGCCTGAGTTTGGAGACCAGCTGGAACCCGAGTTTGGAGGAAGAGG
AGGAGGAGGAGAAAGAGGAGGAGATAGCCACTGGCCAGGCATTCCCCTTCACA
45 ACAGTAGAGACCTACACAGTGAACTTTGGGGACTTCTGAGATCAGCGTCCTACCA
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CAGTCACATCACCCATCAGCACATGGAAGGCCCTGGTATGGACACTGAAAGGA
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SEQ ID NO: 346

- 5 >3030 BLOOD GB_AA486221 gi|2216437|gb|AA486221|AA486221 ab35e07.s1 Stratagene
HeLa cell s3 937216 Homo sapiens cDNA clone IMAGE:842820 3', mRNA sequence
[Homo sapiens]
CTTTATTGGGAAACGTAAGACTTGGGTACATCAAATAAAACCAATTTCTGGGGGA
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10 CAATAAAAAAAAAAAGTTAACTGTCTGGGCCACAGCAGAACCCAAAGAACATAT
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SEQ ID NO: 347

- 15 >3033 BLOOD 371542.10 M93056 g188621 Human monocyte/neutrophil elastase inhibitor
mRNA sequence. 0
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25 ACAATTTCTTCCTGAGTTCTTGGTTTCGACTCAGAAAACATATGGTGCTGACCTG
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GTTGATAACATGACCAAACCTTGTGCTAGTAAATGCCATCTATTTCAAGGGAACT
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35 GAGAGTTACACTCTCAACTCCGACCTCGCCCGCCTAGGTGTGCAGGATCTCTTTA
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40 ATTCTTGGGGAGATTTTCTTCCCTTAGAAGAAAGAGACTGTAGCAATACAAAAA
TCAAGCTTAGTGCTTTATTACCTGAGTTTTTAATAGAGCCAATATGTCTTATATCT
TTACCAATAAAACCACTGTTCAGAAAAAAA

SEQ ID NO: 348

- 45 >3050 BLOOD 243794.24 Y00345 g35569 Human mRNA for polyA binding protein. 0
CCTTCTCCCCGGCGGTTAGTGCTGAGAGTGCGGAGTGTGTGCTCCGGGCTCGGAA
CACACATTTATTATTAATAAAAAATCCAAAAAAATCTAAAAAAATCTTTTAAAAAAC
CCCAAAAAAATTTACAAAAAATCCGCGTCTCCCCCGCCGGAGACTTTTATTTTTT
TTCTTCCTCTTTTATAAAATAACCCGGTGAAGCAGCCGAGACCGACCCGCCCGCC

CGCGGCCCCGCGAGCAGCTCCAAGAAGGAACCAAGAGACCGAGGCCTTCCCGCTG
CCCGGACCCGACACCGCCACCCTCGCTCCCCGCCGGCAGCCGGCAGCCAGCGGC
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GTCCCTCTGCGCTTGCTCCCCGCTCCCCTCCCCCGGCTCCGGCCCCCAGCCCCGG
5 CACTCGCTCTCCTCCTCTCACGGAAAGGTCGCGGCCTGTAGAACTCGCCAGCCGT
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10 CATGAATTTTGATGTTATAAAGGGCAAGCCAGTACGCATCATGTGGTCTCAGCGT
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15 CTAAATGATCGCAAAGTATTTGTTGGACGATTTAAGTCTCGTAAAGAACGAGAA
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25 AGAAGCCACTAAAGCAGTTACAGAAATGAACGGTAGAATTGTGGCCACAAAGCC
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35 AGCCACAAGTTACAATGCAACAGCCTGCTGTTTCATGTACAAGGTCAGGAACCTTT
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40 CTAAAGAGGCTGCCCAGAAAGCAGTTAACAGTGCCACCGGTGTTCCA ACTGTTTA
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5 GAAGATAAGCCAGTTTAT

SEQ ID NO: 349

>3052 BLOOD 988653.1 X52541 g31129 Human mRNA for early growth response protein 1 (hEGR1). 0

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15 TCGTCCAGGATGGCCGCGGCCAAGGCCGAGATGCAGCTGATGTCCCCGCTGCAG
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 20 AGCCAGAGTCAGGCCCCTGTGTGAACTGGAGTTCGTTATTTATGAGGACTGAG
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 TTGTGTAGGAGGCCTGAGGTTCTAGGTTCTTTTGGGCC

35
 SEQ ID NO: 350
 >3057 BLOOD 346395.5 AF187016 g6601393 Human myosin regulatory light chain
 interacting protein MIR mRNA, complete cds. 0
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 CAGCCCCGCGCACACCAAAGAGAAGGCGGCTGTGGCGGCAGCGGCAGCCCCAGC
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 45 CATAGAAGTTGACTATTTTGGACTGCAGTTTACGGGTAGCAAAGGTGAAAGTTTA
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 CTTGTGTTCCCCAGAGCAGGCAGTGGAAGTCAAGTCCCTCCTGGCCCAGACCAAG

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SEQ ID NO: 351

>3072 BLOOD 1327030.1 U26162 g829622 Human myosin regulatory light chain mRNA,
complete cds. 0

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 15 ACAACCATGGGGGATCGGTTTACAGATGAGGAAGTGGATGAGCTGTACAGAGAA
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25 SEQ ID NO: 352

>3210 BLOOD 1095563.3 D00762 g220027 Human mRNA for proteasome subunit HC8. 0
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 30 GGAAAATAGTAGTACAGCTATTGGAATCAGATGCAAAGATGGTGTGTTGTCTTTGG
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 35 TATACACTCTACAGTGCTGTTAGACCTTTTGGCTGCAGTTTCATGTTAGGGTCTTA
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SEQ ID NO: 353

>3230 BLOOD 480496.45 L38616 g603444 Human brain and reproductive organ-expressed
 protein (BRE) gene, complete cds. 0

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 5 AATGGAAAAGTGGGACTGGATGCTACAACTGTTTGAGGATAACTGACTTAAAA
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 15 TTGAGGACACTGAAGCCACCCAGGTGTACCCCAAGCTGTACTTGTACCTCGAAT
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SEQ ID NO: 354

>3242 BLOOD 201279.14 U37408 g3702074 Human phosphoprotein CtBP mRNA,
complete cds. 0

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 40 TGGTCCGGGCTGTCAGGAGGCGGGAGGGGGCAGCGCTGGGCCTCGTGTGCTTG
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 45 GGAACGTGCCCCAGAATGAGGCAGTTGGCAAACCTTCTCAGGACAATGAATCCTC
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 CCCC

SEQ ID NO: 355

>3284 BLOOD Hs.6453 gnl|UG|Hs#S377401 Human inositol 1,3,4-trisphosphate 5/6-kinase mRNA, complete cds /cds=(118,1362) /gb=U51336 /gi=1322037 /ug=Hs.6453 /len=3049

5 CCCGCGGGCAGGGGCGGCGAGTGC GCGGGCCGCGCCCTTCTCGGCGGGCAGCG
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10 GCCCCCTGGACGTCATCATCCACAAGCTGACTGACGTCATCCTTGAAGCCGACCA
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SEQ ID NO: 356

>3325 BLOOD 434815.28 X13916 g34338 Human mRNA for LDL-receptor related protein.

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45 SEQ ID NO: 357

>3404 BLOOD 235992.7 D87969 g1694636 Human mRNA for CMP-sialic acid transporter, complete cds. 0

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15 SEQ ID NO: 358

>3406 BLOOD 198773.4 U91932 g1923269 Human AP-3 complex sigma3A subunit
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 25 TGGAACATTAGACAAATGTTTTGAAAATGTCTGTGAGCTGGATTGTATTTTCCA
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 30 AAAGTGCCAAACCTGCCCTCTTTTAAATAAAAATGTAAAAAGGCCACTCCCAGGT
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 AGTTGTGTAAAATCAGTATGAAAGTTCAATGTTGCTGTTCTTGCTCAGTGATTTTA
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 35 TGCCACCTACGGCATGCCTCTATGTATTGGCTACTACAGTGTTTTAAAAAGTGTT
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SEQ ID NO: 359

>3533 BLOOD 287871.2 U89505 g2078528 Human Hlark mRNA, complete cds. 0

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 GGTGCTGGAATGTGACATCATTAAGAATTACGGGCTTTGTGCACATAGAAGACA
 AGACGGCAGCTGAGGATGCCATACGCAACCTGCACCATTACAAGCTTCATGGGG

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5 GTTTCAAGGCAAACGAATGCACGTGCAGTTGTCCACCAGCCGGCTTAGGACTGC
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10 CCGTGCTGCCCCGGTCCTATGAGGCAGTGGCAGCTGCAGCTGCCTCCGTGTATAAT
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15 CCAGTCCCCACTGTTGGAGAGGGCTACGGTTACGGGCATGAGAGTGAGTTGTCCC
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SEQ ID NO: 360

>3584 BLOOD 978017.7 AF178532 g6851265 Human aspartyl protease (ASP21) mRNA,
30 complete cds. 0
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CCGCAGAAGCTACAGATTCTCGTTGACACTGGAAGCAGTAACTTTGCCGTGGCAG
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35 ACCGCTCCAAGGGCTTTGACGTACAGTGAAGTACACACAAGGAAGCTGGACGG
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40 TGCAGATGTGTGGAGCCGGCTTGCCCCGTTGCTGGATCTGGGACCAACGGAGGTA
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CCCTATTAAGGAAGAGTGGTACTACCAGATAGAAATTCTGAAATTGGAAATTGG
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45 GGAAGCTGTGGCCCGCGCATCTCTGATTCCAGAATTCTCTGATGGTTTCTGGACT
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AAATCTCCATCTACCTGAGAGACGAGAACTCCAGCAGGTCATTCCGTATCACAAT
CCTGCCTCAGCTTTACATTCAGCCCATGATGGGGGCGCGCCTGAATTATGAATGT
TACCGATTCCGCATTTCCCCATCCACAAATGCGCTGGTGATCGGTGCCACGGTGA

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 5 CTTAATCGTCCTGCTGCTGCTGCCGTTCCGGTGTGAGCGTCGCCCCCGTGACCCTG
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 10 TTCAAATCCTCCCTACTTCCAAGAAAAATAATTAACAAAAAACTTCATTCTAAA
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 25 CAAATCTTCTCTGGAAGTAGGTTGGCTATTACCCTGTTGGGAAACAGGGAAATGG
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 AAGACACAAGGTAACGTCTACTTATTCCCGTGCTTCGA

SEQ ID NO: 361

>3598 BLOOD 440860.23 AF044321 g3170263 Human cytochrome c oxidase assembly
 protein COX11 (COX11) mRNA, complete cds. 0

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 35 CACCTGTACATTTTAACATTCATGGACTTGTAATGGTGATGCTTTGGCTAACAGC
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5 CAATGAGTTCTGCTTTAAGGATGAAGAACAAATTCTAATCTTAAAAGCAGATATC
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10 ATGTAGAAATTCCAATTACTGGTTTGTGAGTAGGATTCTTAGCTCTGTAAAACGC
CAGTGCAGTCTCTCCTGGCACCACATATATTTCTGTTTGCTGAGGTCTAAAGTTCC
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15 SEQ ID NO: 362

>3627 BLOOD 198840.10 L08850 g437364 Human AD amyloid mRNA, complete cds. 0
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GGGGCGAGCGACCGAGCGCCGCGACGCGGAAGTGAGGTGCGTGCGGGCTGCAG
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20 GCCTTCAAGCCTTCTGCCTTTCCACCCTCGTGAGCGGAGAACTGGGAGTGGCCAT
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GTGTGGCAGAAGCAGCAGGAAAGACAAAAGAGGGTGTCTCTATGTAGGGCTCCA
AAACCAAGGAGGGAGTGGTGCATGGTGTGGCAACAGTGGCTGAGAAGACCAAA
25 GAGCAAGTGACAAATGTTGGAGGAGCAGTGGTGACGGGTGTGACAGCAGTAGCC
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30 GATCTGCTGACAGATGTTCCATCCTGTACAAGTGCTCAGTTCCAATGTGCCCAGT
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45 SEQ ID NO: 363

>3650 BLOOD 1102321.2 D15057 g493244 Human mRNA for DAD-1, complete cds. 0
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TACCTGCTGTATATACTGCTGACCGGGGCGCTGCAGTTCGGTTACTGTCTCCTCGT
 GGGGACCTTCCCCCTTCAACTCTTTTCTCTCGGGCTTCATCTCTTGTGTGGGGAGTT
 TCATCCTAGCGGTTTGCCTGAGAATACAGATCAACCCACAGAACAAAGCGGATTT
 CCAAGGCATCTCCCCAGAGCGAGCCTTTGCTGATTTTCTCTTTGCCAGCACCATCC
 5 TGCACCTTGTGTGCATGAACCTTTGTTGGCTGAATCATTCTCATTACTTAATTGAG
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 CTGCTTTTTATGCAGGAGAAAAGCCCAGAGTTCAGTGTGTGTCAGAACAACCTTTC
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SEQ ID NO: 364

>3715 BLOOD 1100675.3 U21128 g699576 Human lumican mRNA, complete cds. 0

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 20 TGCATTTACTCTCTTCTGTCATTGATTGGTGGTACCAGTGGCCAGTACTATGATT
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 25 TCTAGATCACAACTTCTAGAAAAGTCCAAGATAAAAGGGAGAGTTTTCTCTAAA
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SEQ ID NO: 365

20 >3743 BLOOD 1328438.3 U35451 g1177844 Human heterochromatin protein p25 mRNA,
complete cds. 0

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 25 CCAGTAGCGCAGCACCGATTCCCTCTCGGGGCTCTTGGGCGCTGCTCTGAGCAGCG
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 45 GGATGGGGAGGGGAGAAAGGGAGATGGGTAGCATCATTTTGATTAACATTTGGG
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 5 CAGTAGGGAAAGACAAGGGCCCATGCTCTTAGTGGGGAAAACCTCTTGAGGCCGT
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SEQ ID NO: 366

>3747 BLOOD 233301.19 M81934 g180172 Human cdc25B mRNA, complete cds. 0

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 25 SEQ ID NO: 367
 >3750 BLOOD 898939.8 U05875 g463549 Human clone pSK1 interferon gamma receptor
 accessory factor-1 (AF-1) mRNA, complete cds. 0
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SEQ ID NO: 368

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 fibroblast, mRNA, 1563 nt]. 0
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SEQ ID NO: 369

>3787 BLOOD 256010.6 X63679 g37264 Human mRNA for TRAMP protein. 0

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SEQ ID NO: 370

>3790 BLOOD Hs.76252[gnl]UG[Hs#S4668:H.sapiens]mRNA for endothelin-1 receptor
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25 GAATTCGCGGCCCGCCTCTTGCGGTCCCAGAGTGGAGTGGAAGGTCTGGAGCTTTG
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30 CTGTGCAGCCGAAGCCGCCGCCGCCGAGCCCGGGACACCGGCCACCCTCCG
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40 TGGCCCCAACGCGCTGATAGCCAGTCTTGCCCTTGAGACCTTATCTATGTGGTC
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SEQ ID NO: 371

5 >3890 BLOOD 474320.4 U18423 g624185 Human spinal muscular atrophy gene product
mRNA, complete cds. 0
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SEQ ID NO: 372

5 >3951 BLOOD 344496.2 AF069765 g3243032 Human signal recognition particle 72
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CCCCAAGCAAAATCTTACTGAGAAAGCATCTATTACTTTTTATTAAACTGTTCCAT
GTTAGGTAGAGAGGAGAAGATGCATGTATGTATTTGGAATAAATTCTGCTTCTGA
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5 SEQ ID NO: 374

>3976 BLOOD 228434.6 U66097 g5058996 Human cell-line THP-1 GTP cyclohydrolase I
mRNA, complete cds. 0

10 TGTGCTCTAAAGGTGATCTAAGCAGGTCGCGTACCTTCCTCAGGTGACTCCGGCC
ACAGCCCATTGTCCGCGGCCACCGGCGGAGTTTAGCCGCAGACCTCGAAGCGCC
CCGGGGTCTTCCCGAACGGCAGCGGCTGCGGCGGGTCCATGGAGAAGGGCCCT
GTGCGGGCACCGGCGGAGAAGCCGCGGGGCGCCAGGTGCAGCAATGGGTTCCCC
GAGCGGGATCCGCCGCGGCCCGGGCCCAGCAGGCCGCGGAGAAGCCCCCGCG
GCCCCGAGGCCAAGAGCGCGCAGCCCCGCGGACGGCTGGAAGGGCGAGCGGCCCC
GCAGCGAGGAGGATAACGAGCTGAACCTCCCTAACCTGGCAGCCGCCTACTCGT
15 CCATCCTGAGCTCGCTGGGCGAGAACCCCCAGCGGCAAGGGCTGCTCAAGACGC
CCTGGAGGGCGGCCTCGGCCATGCAGTTCTTACCAAGGGCTACCAGGAGACCA
TCTCAGATGTCCTAAACGATGCTATATTTGATGAAGATCATGATGAGATGGTGAT
TGTGAAGGACATAGACATGTTTTCCATGTGTGAGCATCACTTGGTTCCATTTGTTG
GAAAGGTCCATATTGGTTATCTTCCTAACCAAGCAAGTCCTTGGCCTCAGCAAAT
20 TGCAGGATTGTAGAAATCTATAGTAGAAGACTACAAGTTCAGGAGCGCCTTAC
AAAACAAATTGCTGTAGCAATCACGGAAGCCTTGCGGCCTGCTGGAGTCGGGGT
AGTGGTTGAAGCAACACACATGTGTATGGTAATGCGAGGTGTACAGAAAATGAA
CAGCAAAACTGTGACCAGCACAAATGTTGGGTGTGTTCCGGGAGGATCCAAAGAC
TCGGGAAGAGTTTCTGACTCTCATTAGGAGCTGAGCTTCATTTCAGTGTGTGTGCG
25 TTGGTTGCCGATCGTACTGCCAGTAGCATTGTCTGTCTGTCCGGTCTTGTGTTGTAC
ATTCCATTTTCAATTGTTACAGATGTGAACTTTATTCCTTGTCACCTAATTATATTT
AAAATTATTTCTAGGAAGTCAAATAAATAATAAAAGGGTTGAGCCCTCTACTTT
CTTCTTGCCACCTTTTTGTGGCAATATTAAAGTGAAGTGAAGTGTAAAGTAC
GTGCACAAAACCACTGCCAGATAACCAGAGGGGCTGGGAAGGGAGAGAAGATT
30 AGTGTATTTTTTCAAATAGTACAGTAATTTGCCTCATAAGCATAGGAGCATTGG
GAATGAGAGGGAAGTGTGCCCAGTATACTGTTTTTTTTCTTCCTCCAATAAAAGT
GGTGTAGTGCCGAAAGTGCTAAAATATTTAGTGCGGTATTGCTCTGTGAATTCAA
GTTCAACAGACTTCACTTTGGTCATGTTTATTAAACCACCAGTGACATTTAAAAA
TATATTTTTAGCAGTCGTAATGTTAGTCACCAAGGGAAGGTGGTGAATGTCTAT
35 GTTTTTGATTTTACTGTGAGTTAAAAAGGCACATTTCTACCTTCTATTGTTTTTAA
ATTCAAGAATAGGGAATTAGTTCCTGGTGTGTTTACGAGTGTATTCTCGTGTCA
ACATACAGGGATTTAGACATTTAACTCTCTGTGCCTTGATAAGAATATCATTTAG
AGTGTAGATACTTTTGCCTTTTTAAAAAAGCCATTATTTTATGAGACTTAGTACTC
ACACTGCAAATAAAGTACAGCTCAGTTTTAACTTTATAGGTTTATTGAGTTTCCT
40 TTGTGTGATCCATGTAGATGCCTCAAATGTNNNNNNNNNNNNNNNNNNNAATC
TTATAAGATATTTTTCTAAGTATTTCCAGAAACATTTGAGAGTGCCCATCATTTTC
AGGTCTGCAGAACCATAGCTTCCACGCACCTGAACGAGCACAGAATGAACTGAC
GGTGGAAGACATTATGAGCTGTGTCCAACGTTTTTAACCAAAGCGTATCGTACCAA
CGATCTGTGAAAATGCACTGGAAGCTTCTGGTCCCGGTTTCCTTTGTGGTCTATGT
45 GGGTCTTGTCTCATTGTAAGTCCGTATAGATGGTATAGGTATTTTAATCCTGGAA
GCTGTTGCCTTATTAATGATTATCTTAAATTTTCTCCATGGGGCAGCGTGGGCC
AAATTAAAAACAAACAAAACCGCAACTCCTCCACAGAAACACAAACACAGTTATT
CCATGAAGTTTAGTATTTGGTTGACATAGTGCTCTTCAAATTCATCCCATTACCCT
AAAAGTAATAACTTTGATGCTTGCTTTAACTTTAGTCCCATCTCTGCCACTTTGAT

GCTATTTGGGTTATGATGGGGCAAGATGGCAGAGGTATTGGGTTTTTTTTGTTTTTT
 TCCATTCCTCTCTACTTCTGTTTCCTAGCTTTTTCTTTCTGGAGTTTAAGTACAGTG
 ATGGTTGGCTTGAGTACCTTTTTAAATCTAGCCCAGTATAAACATTAGCCTGCTTA
 ATATTTAGACATTTATAGGTAGAATTCTGAGCACTCAACTCATGTTTGGCATTTTA
 5 AAGTAAAAACAAGTGTGACTTCGAGGACCAAAGAAATTGTCAGCTATACATTTA
 TCTTTATGAACTCATTTATATTCCTTTTTAATGACTCGTTGTTCTAACATTTCTAG
 AAGTGTCTTATAAAGGTCTAATGTATCCACAGGCTGTTGTCTTATTAGTAAATG
 CAAAGTAATGACTTTGTCTGTTTTACTCTAGTCTTTAGTACTTCAAAATTACCTTT
 TCATATCCATGATCTTGAGTCCATTTGGGGGATTTTTAAGAATTTGATGTATTTCA
 10 ATACACTGTTCAAAATTAAATTGTTTAATTTTATGTATGAGTATGTATGTTCTGA
 AGTTGGTCCTATTTAAATTATTAAACTATTGTAACCTTG

SEQ ID NO: 375

>4133 BLOOD 331022.43 U20938 g1926407 Human lymphocyte dihydropyrimidine
 15 dehydrogenase mRNA, complete cds. 0
 GAAAATGTATCCAAGGAAACATTTTATCATTA AAAAATTACCTTTAATTTTAATGC
 TGTTTCTAAGAAAATGTAGTTAGCTCCATAAAGTACAAATGAAGAAAGTCAAAA
 AATTATTTGCTATGGCAGGATAAGAAAGCCTAAAATTGAGTTTGTAGAACTTTAT
 TAAGTAAAATCCCCTTCGCTGAAATTGCTTATTTTTGGTGTTGGATAGAGGATAG
 20 GGAGAATATTTACTAACTAAATACCATTCACTACTCATGCGTGAGATGGGTGTAC
 AAACATCATCCTCTTTTAATGGCATTTCTCTTTAAACTATGTTCCCTAACAAAATGAG
 ATGATAGGATAGATCCTGGTTACCACTCTTTTGCTGTGCACATAAGGGCTCTGAC
 TGGTTTAAATAGTCACCTTCATGATTATAGCAACTAATGTTTGAACAAAGCTCAA
 AGTATGCAATGCTTCATFATTCAAGAATGAAAAATATAATGTTGATAATATATAT
 25 TAAGTGTGCCAAATCAGTTTGACTACTCTCTGTTTTAGTGTTTATGTTTAAAAGAA
 ATATATTTTTTGTATTATTAGATAATATTTTTGTATTTCTCTATTTTCATAATCAG
 TAAATAGTGTATATAAACTCATTTATCTCCTCTTCATGGCATCTTCAATATGAAT
 CTATAAGTAGTAAATCAGAAAGTAACAATCTATGGCTTATTTCTATGACAAATTC
 AAGAGCTAGAAAAATAAAATGTTTCATTATGCACTTTTAGAAATGCATATTTGCC
 30 ACAAACCTGTATTACTGAATAATATCAAATAAAATATCATAAAGCATTTT

SEQ ID NO: 376

>4152 BLOOD 399962.1 AL137305 g6807770 Human mRNA; cDNA DKFZp434J197
 (from clone DKFZp434J197). 3e-09
 35 GCCTCGGTGTTCCACCTAGGGGCGGGCAGCCAGGGGCACTTCCGCTGGCCCAA
 GTGATCTGCATGTGGCAGGGCTGCGCAGTGTGAGCGGCCAGTGGGCAGGATGAC
 GAGCCAGACCCCTCTGCCCCAGTCCCCCGGCCAGGCGGCCGACGATGTCTACT
 GTTGTGGAGCTGAACGTCGGGGGTGAGTTCCACACCACCCTGGGTACCCTGA
 GGAAGTTTCCGGGCTCAAAGCTGGCAGAGATGTTCTCTAGCTTAGCCAAGGCCTC
 40 CACGGACGCGGAGGGCCGCTTCTTCATCGACCGCCCCAGCACCTATTTAGACCC
 ATCCTGGACTACCTGCGCACTGGGCAAGTGCCACACAGCACATCCCTGAAGTGT
 ACCGTGAGGCTCAGTTCTACGAAATCAAGCCTTTGGTCAAGCTGCTGGAGGACAT
 GCCACAGATCTTTGGTGAGCATGGTGTCTCGGAAGCAGTTTTTGCTGCAAGTGCC
 GGGCTACAGCGAGAACCTGGAGCTCATGGTGCGCCTGGCACGTGCAGAAGCCAT
 45 AACAGCACGGAAGTCCAGCGTGCTTGTGTCTGGTGGAACTGAGGAGCAGGAT
 GCATATTATTCAGAGGTCCTGTGTTTTCTGCAGGATAAGAAGATGTTCAAGTCTG
 TTGTCAAGTTTGGGCCCTGGAAGGCGGTCTAGACAACAGCGACCTCATGCACTG
 CCTGGAGATGGACATTAAGGCCAGGGGTACAAGGTATTCTCCAAGTTCTACCTG
 ACGTACCCACCAAAGAAACGAATTCCATTTTAACATTTATTCATTCACCTTCA

CCTGGTGGTGATCCTCAGGAGCAGAGACTGTTATGAATTCTGGCGTGGCTTATGA
 AATTAAGGTTGCCATCAAAGCCATTTTCTTTTAATTTACAAACATCAGGCAAT
 TTCCAGGGTTGGTCTAGAGTCTTGCCACTAAATATTGATCACTCGTTTAAGGACTT
 TCCACTCCATTGCAACTGATGCCACTATATTTGCCTAGCAACTTGCAGCTACTTCC
 5 TTTTCAAAGCCTCATGTATCTCCCAGACCCTTCTCTTGAAGTCCAATAACAAGAC
 CAAGTAAGAATGTTTCAACAATGCGTTGGCAAGAGATGTGAGATGACAACAGGA
 ACATACAAGATACTGTGAATCTAGATGTTCTGACCTAAAGATGTAGTCTACATAG
 CCCAGCTTGGGGTCCAATCCATCTGTCCCTGGCATGTGCCTTCATGTAGTAGGT
 GCTTTCTGATCCCCCTTTGCGAGATGCTGTGGGTGCTAACACCTCAGAGCTGTCCT
 10 CTTCTCTAGAGTGGAGGTTTTCAAAGTGCATCATCAGCATTACCTGTGAAGTTGC
 TGGAAATACAAATCCTCAGGCCCCACCTCAGACCTACTGAATCAGAATCTCTGGG
 GGTTGGGCACAGCATTCTGATTTACCAAACCCTCCAAGTGATTTTGATGTATTCT
 AATTTTGAGACCATCTCTAGAAAAGAATTGCTACCTCTTGTATGGAGGTACAAAA
 GACTGACCTCTTACATCAAGGAACTTCCTTTCCAGAGCTCCTCATGGAATCAAG
 15 CTGAAGTCAGTCTTCTTCTGAGAGCACATTCTTACTCAGTTTTTTTCTCTGTCT
 ACGCTGCTTCCCTCACTCCCCTTCTCCTAAGAGCACTCCATCAATAAACCATTGC
 ACGAG

SEQ ID NO: 377

20 >4181 BLOOD 350387.28 Z27113 g415387 Human gene for RNA polymerase II subunit
 14.4 kD. 0

GGGTTACGGCGCAGGCGCAAGATAAGCTAGGAGCCGCGCGAGTCGTAGTGTCTCGC
 TGTTTTCGGGTCTCCGCGCGGGACCGGGGCGCAGCGGGGTCTGCTGAGGCGAGGG
 TGTCATGTCAGACAACGAGGACAATTTTGATGGCGACGACTTTGATGATGTGGAG
 25 GAGGATGAAGGGCTAGATGACTTGGAGAATGCCGAAGAGGAAGGCCAGGAGAA
 TGTCGAGATCCTCCCCCTCTGGGGAGCGACCGCAGGCCAACCAGAAGCGAATCAC
 CACACCATACATGACCAAGTACGAGCGAGCCCGCGTGCTGGGCACCCGAGCGCT
 CCAGATTGCGATGTGTGCCCTGTGATGGTGGAGCTGGAGGGGGAGACAGATCC
 TCTGCTCATTGCCATGAAGGAACTCAAGGCCCGAAAGATCCCCATCATCATTCGC
 30 CGTTACCTGCCAGATGGGAGCTATGAAGACTGGGGGGTGGACGAGCTCATCATC
 ACCGACTGAGCTGGAGTCATCTTCCTGCCCTTGCCCCATGCCCAATTTTCATTCTC
 ACTTTATATGTGTAAATAATAAAATATTCAACTTTCCAAAAAAAAAAAAAAAAAGGG

SEQ ID NO: 378

35 >4191 BLOOD Hs.171495 gnl|UG|Hs#S4798 Human hap mRNA encoding a DNA-binding
 hormone receptor /cds=(321,1667) /gb=Y00291 /gi=32025 /ug=Hs.171495 /len=2972
 CGGGGTAGGATCCGGAACCCATTTCGGAAGGCTTTTGTCAAGCATTTACTTGGAAG
 GAGAACTTGGGATCTTTCTGGGAACCCCCCGCCCCGGCTGGATTGGCCGAGCAA
 GCCTGGAAAATGGTAAATGATCATTGATCAATTACAGGCTTTTAGCTGGCTTG
 40 TCTGTCATAATTCATGATTCGGGGCTGGGAAAAAGACCAACAGCCTACGTGCCA
 AAAAAGGGGCAGAGTTTGATGGAGTTGGGTGGACTTTTCTATGCCATTTGCCTCC
 ACACCTAGAGGATAAGCACTTTTGCAGACATTCAAGTGAAGGGAGATCATGTTTG
 ACTGTATGGATGTTCTGTGTCAGTGAGTCCTGGGCAAATCCTGGATTTCTACACTGC
 GAGTCCGTCTTCCTGCATGCTCCAGGAGAAAGCTCTCAAAGCATGCTTCAGTGGA
 45 TTGACCCAAACCGAATGGCAGCATCGGCACACTGCTCAATCAATTGAAACACAG
 AGCACCAGCTCTGAGGAACTCGTCCCAAGCCCCCATCTCCACTTCCTCCCCCTC
 GAGTGTAACAACCCTGCTTCGTCTGCCAGGACAAATCATCAGGGTACCACTATGG
 GGTCAGCGCCTGTGAGGGATGTAAGGGCTTTTTCCGCAGAAGTATTCAGAAGAA
 TATGATTTACACTTGTCAACCGAGATAAGAACTGTGTTATTAATAAAGTCACCAGG

AATCGATGCCAATACTGTCGACTCCAGAAGTGCTTTGAAGTGGGAATGTCCAAA
GAATCTGTCAGGAATGACAGGAACAAGAAAAAGAAGGAGACTTCGAAGCAAGA
ATGCACAGAGAGCTATGAAATGACAGCTGAGTTGGACGATCTCACAGAGAAGAT
CCGAAAAGCTCACCAGGAACTTTCCCTTCACTCTGCCAGCTGGCTAAATACACC
5 ACGAATTCAGTGCTGACCATCGAGTCCGACTGGACCTGGGCCTCTGGGACAAAT
TCAGTGAAGTGGCCACCAAGTGCATTATTAAGATCGTGGAGTTTGCTAAACGTCT
GCCTGGTTTCACTGGCTTGACCATCGCAGACCAAATTACCCTGCTGAAGGCCGCC
TGCCTGGACATCCTGATTCTTAGAATTTGCACCAGGTATACCCCAAGACA
CCATGACTTTCTCAGACGGCCTTACCCTAAATCGAACTCAGATGCACAATGCTGG
10 ATTTGGTCTCTGACTGACCTTGTGTTACCTTTGCCAACCAGCTCCTGCCTTTGG
AAATGGATGACACAGAAACAGGCCTTCTCAGTGCCATCTGCTTAATCTGTGGAGA
CCGCCAGGACCTTGAGGAACCGACAAAAGTAGATAAGCTACAAGAACCATTGCT
GGAAGCACTAAAAATTTATATCAGAAAAAGACGACCCAGCAAGCCTCACATGTT
TCCAAAGATCTTAATGAAAATCACAGATCTCCGTAGCATCAGTGCTAAAGGTGCA
15 GAGCGTGTAATTACCTTGAAAATGGAAATTCCTGGATCAATGCCACCTCTCATTC
AAGAAATGATGGAGAATTCTGAAGGACATGAACCTTGACCCCAAGTTCAAGTG
GGAACACAGCAGAGCACAGTCCTAGCATCTCACCCAGCTCAGTGGAAAACAGTG
GGGTCAGTCAGTCACCACTCGTGCAATAAGACATTTTCTAGCTACTTCAAACATT
CCCCAGTACCTTCAGTTCAGGATTTAAAATGCAAGAAAAAACATTTTACTGCT
20 GCTTAGTTTTTGGACTGAAAAGATATTA AAAACTCAAGAAGGACCAAGAAGTTTTT
ATATGTATCAATATATATACTCCTCACTGTGTAACCTTACCTAGAAATACAACTTT
TCCAATTTTAAAAAATCAGCCATTTTCATGCAACCAGAACTAGTTAAAAGCTTCT
ATTTTCCTCTTTGAACACTCAAGATGCATGGCAAAGACCCAGTCAAAATGATTTA
CCCCCTGGTTAAGTTTCTGAAGACTTTGTACATACAGAAGTATGGCTCTGTTCTTTC
25 TATACTGTATGTTTGGTGCTTTCCTTTTGTCTTGCATACTCAAATAACCATGACA
CCAAGGTTATGAAATAGACTACTGTACACGTCTACCTAGGTTCAAAAAGATAACT
GTCTTGCTTTCATGGAATAGTCAAGACATCAAGGTAAGGAAACAGGACTATTGA
CAGGACTATTGTACAGTATGACAAGATAAGGCTGAAGATATTCTACTTTAGTTAG
TATGGAAGCTTGTCTTTGCTCTTTCTGATGCTCTCAAACCTGCATCTTTTATTTTCATG
30 TTGCCCAGTAAAAGTATACAAATTCCTGCCTAGCAGAAGAGAATTCTGTATCA
GTGTAACCTGCCAGTTCAGTTAATCAAATGTCATTTGTTCAATTGTTAATGTCACCTT
TAAATTA AAAAGTGGTTTATTACTTGTTTAATGACATAACTACACAGTTAGTTAAA
AAAAATTTTTTTTACAGTAATGATAGCCTCCAAGGCAGAAACACTTTTCAGTGTTA
AGTTTTTTGTTTACTTGTTTACAAGCCATTAGGGAAATTTTCATGGGATAATTAGCA
35 GGCTGGTCTACCACTGGACCATGTAACCTCTAGTGTCTTCTGATTCATGCCTGAT
ATTGGGATTTTTTTTCCAGCCCTTCTTGATGCCAAGGGCTAATTATATTACATCCCA
AAGAAACAGGCATAGAATCTGCCTCCTTTGACCTTGTTCAATCACTATGAAGCAG
AGTGAAAGCTGTGGTAGAGTGGTTAACAGATACAAGTGTGAGTTTCTTAGTTCTC
ATTTAAGCACTACTGGAATTTTTTTTTTTTGATATATTAGCAAGTCTGTGATGTACT
40 TTTCACTGGCTCTGTTTGTACATTGAGATTGTTTGTTTAACAATGCTTTCTATGTTT
ATATACTGTTTACCTTTTTCCATGGACTCTCCTGGCAAAGAATAAAATATATTTAT
TTT

SEQ ID NO: 379

45 >4215 BLOOD 237648.6 AF006305 g2213931 Human 26S proteasome regulatory subunit
(SUG2) mRNA, complete cds. 0

CATGGACAGGTCCAGGTA CTCTGGTTGGAGTCACAGGCCACGATGCGGTCCAG
GTCTTCCACCAGCTGCTTGAAGGTGGGTCTCTGTGAGGGCACTGCATGCCAGCAG
TCCCGCATCATCATGTACAGCTCGTTGGTGCAGTTACTGGGCTTCTCATCATGGC

GGACCCTAGAGATAAGGCGCTTCAGGACTACCGCAAGAAGTTGCTTGAACACAA
 GGAGATCGACGGCCGCTCTTAAGGAGTTAAGGGAACAATTAAGAAGCTTACCAA
 GCAGTATGAAAAGTCTGAAAATGATCTGAAGGCCCTACAGAGTGTGGGCAGAT
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 5 AATGGACCAAGATATGTTGTGGGTTGTCGTCGACAGCTTGACAAAAGTAAGCTG
 AAGCCAGGAACAAGAGTTGCTTTGGATATGACTACACTAACTATCATGAGATATT
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 10 CCTCCAAAAGGCTGTTTGTATATGGACCACCAGGTACGGGAAAAACACTCTTGG
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 15 AATGGAGTTACTGAATCAAATGGATGGATTTGATACTCTGCATAGAGTTAAAATG
 ATCATGGCTACAAACAGACCAGATACACTGGATCCTGCTTTGCTGCGTCCAGGAA
 GATTAGATAGAAAAATACATATTGATTTGCCAAATGAACAAGCAAGATTAGACA
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 20 TGAAGCAGGTATGTTTCGCAATTCGTGCTGATCATGATTTTGTAGTACAGGAAGAC
 TTCATGAAAGCAGTCAGAAAAGTGGCTGATTCTAAGAAGCTGGAGTCTAAATTG
 GACTACAAACCTGTGTAATTTACTGTAAGATTTTGTATGGCTGCATGACAGATGT
 TGGCTTATTGTAAAAATAAAGTTAAAGAAAATAATGTATGTATTGCTAATGATGT
 CATTAAGTATATGAATAAAAAATATGAGTAACATCATAAAAAATTAGTAATTCA
 25 ACTTTTAAGATACAGAAGAAATTTGTATGTTTGTAAAGTTGCATTTATTGCAGC
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 TTCTCCTACAAAAAAGTCATAAGAAATGCTTTCTTATACCACTATCTCAAACCA
 30 CTTTCAATATTTTACAAAATGCTCACGCAGCAAATATGAAAAGCTTCAACACTTT
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SEQ ID NO: 380

35 >4222 BLOOD 1099671.1 X71901 g483524 Human ERF-1 mRNA 3' end. 0
 CGCGATCTAGAACCCAAACCTAACAGTATATATTTTATCATTTTCAAGGGAGTCA
 TGCTCCATTGCGGGCCCTTCGGTTTCGTGGCTCCCATGTCCCCCTCTCCACCTCCC
 GCCAAAACGGCGCAGCGTGACAAGCCATATGTTCCACTCCGGTGGGGGCGAGAG
 AGAAGCAACAATAAGTTAAAAGTGCCGCCTCCCTCCACCTCTTTACCTTCATTCT
 40 TACCAAAGTAACCTTTTTTCATTGTTCTAGAGTCTTGAGGTGTGTGTGGGGAGGA
 TGGAGGAGGAGGGAGGGTTGTGGCGCCGCCAGAATTCGGAGCGCGCGTGGA
 AGTAGTGAGTTGCTCGGTGGGCTTTTTCTGGGAGGAAGGGGCATTCAGGAAGGA
 TTAGGGTTTTCTTGAATAAAAAGTTTAAAGATTGGATGCGTGAAAAGAAACGGC
 ACGCCTAGGCCTGGTAAAACAAACAATCGTCCCGGGTTGTGGTCTTTTTTTTTCG
 45 GCGCCCCCACC CGCCACACCCGGAGAGCGCCGGCTGCAAAGCGAGCGCGAGT
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CCGCTGGCAAAAAGAGAAAGTCGAGCCCGCCTTCCTGCCCAACAAAAACAACA
ACATGACAACAAGAACCCCGGAGGGGAGTGGAATGAGTGACGTCACAGCCGCGCT
5 CTGAGGCTGACAAAGGAGGGGGCGCGCCCTCCCGCTCTGCGCCCGCGCGGCC
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10 CAATCAACTTCTTTTTCTCCTCTTCTCCTCATTTAAATAAGTTTAAAGCTCCTCCTCC
CCCCGGCCACCAAATCTGAACCTTTATAAATTGGGCTTTGCGCGCCCCAGCCCGG
AGTCAGAAAGGCGAGGGGGCGCCGGGAAGTGGCGTGTGGGACTCCAGACAGGAG
AGGCTGCGCCTTCCCCGCACCGGGACCTTCGCGACACACCAGATCCTCGCCCCTG
GCTCGCGCGAACGCGACAGGATGACCACCACCCTCGTGTCTGCCACCATCTTCGAC
15 TTGAGCGAAGTTTTATGCAAGGTAAAGGGGGGCGGAGCATTTGCTTTTCAAAA
GTCTTTTCTTTTGCCTTAAGAAAGAACCCCAAAAGTTTGGGTCTTGAAGGCA
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TTTGAAGGAATTTGGCCCCGTCCTTCCCACCCTTTGAGTTTCAACAGTTGCTGGCG
GGGATTACATGTGAATCTGGAGGCCAGGGTTTTGAGGGGCGAAGTTTGCCTGGC
20 AGGGCAGCCCGGGGGCTTCGGGGGGAGGGCTGGGATTGGGACAAGTTTGGGCG
ATCCTGTTTTACGTAACGTGCTGCTGGATCCCAGGTTTGCTGGTCTGATCGGGTTC
CCAGTCTGCGCCCTAGGTCTGCCGAGCGGCATTACCCACCCGTGGGGTTGGGAGT
GGGAGGTCCCTCGGGGAAGTGAGTCTCGGGACAATGTTTTCTTCCACTCTTTGGG
GGGAGCTGGGGATATGCGAGGAAGAAAGGCCAAGTTGTGATTCAAAAAGATGTT
25 GCAGAACAAGTTTGCAGTGGGGCTTGAGTCCGCCCTAGCTCCGTTGGGCTTCTTC
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SEQ ID NO: 381
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SEQ ID NO: 384

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30 SEQ ID NO: 385

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SEQ ID NO: 386
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SEQ ID NO: 387

>4400 BLOOD 331689.11 L36870 g685175 Human MAP kinase kinase 4 (MKK4) mRNA,
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25 SEQ ID NO: 388

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SEQ ID NO: 390

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 20 CATAAGTAACAGACTCACAACAACCTTATTTTTTGTGGGGTGGGTTTGGG

SEQ ID NO: 393

>4472 BLOOD.993722.2.X51818 g181036 Human: carbonyl reductase mRNA, complete cds.

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SEQ ID NO: 394

>4545 BLOOD 234816.2 M31158 g189980 Human cAMP-dependent protein kinase subunit RII-beta mRNA, complete cds. 0

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SEQ ID NO: 395
 >4588 BLOOD 349746.5 L08895 g292289 Human MADS/MEF2-family transcription factor
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SEQ ID NO: 397

5 >4730 BLOOD 345818.4 Y11651 g2125811 Human mRNA for phosphate cyclase. 0
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30 TGCTCTTAAATGATACCTCATTGATATATTGCACTATTTCATAAATACTATAAAA
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CCTGAGAGATGGACAATGAAATATCAGTTGGTGGATATGTGTGATAGCTGATTTT
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35 TTTTTTATGTAATTAATTAATCAGGGATATAGATTTGATCTGTAATTTGGGTATA
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TGTAATTGTTGTGACAACAATAACA

SEQ ID NO: 398

40 >4830 BLOOD 233438.4 L47345 g992562 Human elongin A mRNA, complete cds. 0
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45 TGGAAGCTTTGCCAGGGACCTAGTGGCCAGTGGAAGAAGCTGGTTCCTGTGGA
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5 GCCAGCCAAGAACGACACCTGGGTGAACCCCATGGGAAAGGGGTGTGTAGTCAA
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10 GTTTGCCTCCCTCAGAGGCCGCTTCAGACAACCACCTGAAAAAGCCAAAGCACA
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20 CAATTACCGTCCACTGCCTTCCCTCGAGCTGATATCCTCCTTCCAGCCAAAGCGA
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30 GACGTCCGGAGGAGGCAGGAAAAGTTTGGAAACGGGAGGAGCAGCTGTCCCTGA
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45 AGGAATGAGCACTAGACCGCCTGTCCCCAAGGGAGCCTCAGTGGGGCGACAGGG
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 20 TTGAAACTAGTTTTTCATATCTTAGATTTCAGTTGTGTATGATTTAATGTCCCTTAT
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SEQ ID NO: 399

>5061 BLOOD 211277.19 AF020351 g2655052 Human NADH:ubiquinone oxidoreductase
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 TGGTACTGAGGCAGACGTTGTGGCGGAGAAGGGCAGTGGCTGTAGCTGCCCTTT
 CCGTTTCCAGGGTTCCGACCAGGTCGTTGAGGACTTCCACATGGAGATTGGCACA
 GGACCAGACTCAAGACACACAACCTCATAACAGTTGATGAAAAATTGGATATCAC
 40 TACTTTAACTGGCGTTCCAGAAGAGCATATAAAAACTAGAAAAGTCAGGATCTTT
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 45 CAAAACCCAAGTCCAAGTCTTATGGTGCAAACCTTTTCTTGGAACAAAAGAACAA
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SEQ ID NO: 400

>5065 BLOOD 140122.18 AF125099 g5106993 Human HSPC038 protein mRNA, complete cds. 0

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GTGCTCCCGGCTCTCGTGTTTCCCCCTCCTGAGCGGGTGGAGGAGGCCCAAGCGGT
GCTGGGCGCGCTCCCCCTTCCTTTCCCTCCGGCGTCCTCTCCCGGCCCTCTCGCGC
TGC ACTGTCTCTCCGACGCAAGACTGTCCCGGCCCGGATATGGCTCGTGGACAGC
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10 AAACAAGGACATGACCAAAAGGCTGCTGCCAAAGCTGCCTTAATATATACCTGC
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15 GCTACAGAAACACTCATTTTTATGCTGTTCCCTCTTGGGCTTCATGCAAAGACAA
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20 CATCAGCTAGAATTGCAAGTGCAATTCTTATATCCCTTTCTCTGCTCAGTGGCAG
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25 GATAGCTTCCTAAAAGCGGTTGGATTGTCAGTGAGCCCTTGTGAAAGGTTAGGTT
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30 TGTGGCTGGATTAATTCCCAGAACCCTCTCCCTCCTTTCTTTTCTAAGTGAGTTGT
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35 GTAAAACCTGCTGTAACTCGGTTTAAATTTTTAAATTAATATAATAGAAAGAACA
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5 SEQ ID NO: 401

>5083 BLOOD 1144730.1 AF059524 g4091867 Human reticulon gene family protein (RTN3) mRNA, complete cds. 0

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10 CGCTCGCGTAGCCATGGCGGAGCCGTCGGCGGCCACTCAGTCCCATTCCATCTCC
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15 TGGCTCTTCTCTGTCAACATCAGCTTCAGGATCTACAAGTCCGTCATCCAAGCT
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20 SEQ ID NO: 402

>5105 BLOOD 322303.2 X51602 g31431 Human flt mRNA for receptor-related tyrosine kinase. 0

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45 AGCCAGTCAGAAGCTGGAGAGGCAACAGTGGATTGCTGCTTCTTGGGGAGAAGA
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 10 ATGAATTAAGTATAATATTCGAATCATTGTCCTTTATGACAAAAATGGTTGGC
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 15 GGAGTGCATCTTTGGCCGACAGTNGTGTAACNNNNNNNNNNNNNNNNNNNNNNNN
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SEQ ID NO: 403

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Soares_pineal_gland_N3HPG

Homo sapiens cDNA clone IMAGE:382654 3' similar to gb:J05252 NEUROENDOCRINE

25 CONVERTASE 2 PRECURSOR (HUMAN);, mRNA sequence [Homo sapiens]
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SEQ ID NO: 404

>5612 BLOOD 997231.12 D86198 g3062805 Human hDPM1 mRNA for dolichol-

phosphate-mannose synthase, complete cds. 0

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5 TTATATTTCAAATTAAATAATTTTAAAGTTGCTGGCCTAATGAGCAATGTTCTCAA
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SEQ ID NO: 405

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15 TCCGACCGTTTGGACTGGTTAGGGCTTACTGAGAGCTCCATTTCTGGAAAGCCTT
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SEQ ID NO: 406

>5710 BLOOD 024322.1 Incyte Unique

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15 SEQ ID NO: 407

>5773 BLOOD 000873.5 AF224741 g6980069 Human chloride channel protein 7 (CLCN7)
 mRNA, complete cds. 0

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